

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076230.D
 Acq On : 25 May 2023 13:42
 Operator : KP/SY
 Sample : VD0525SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

Quant Time: May 25 17:12:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	174081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	300397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	285887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	150580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85906	51.060	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.120%			
35) Dibromofluoromethane	7.805	113	101509	48.887	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.780%			
50) Toluene-d8	10.269	98	388782	48.031	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.060%			
62) 4-Bromofluorobenzene	12.575	95	111712	49.683	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33267	21.189	ug/l	97
3) Chloromethane	2.146	50	62813	21.862	ug/l	98
4) Vinyl Chloride	2.281	62	80845	23.876	ug/l	99
5) Bromomethane	2.675	94	53248	23.358	ug/l	98
6) Chloroethane	2.828	64	58232	25.563	ug/l	92
7) Trichlorofluoromethane	3.169	101	62763	21.869	ug/l	100
8) Diethyl Ether	3.593	74	20165	21.366	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.958	101	40579	21.465	ug/l	95
10) Methyl Iodide	4.158	142	45501	23.149	ug/l	92
11) Tert butyl alcohol	5.052	59	10157	114.126	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	40324	21.432	ug/l	90
13) Acrolein	3.793	56	18694	85.824	ug/l	93
14) Allyl chloride	4.558	41	40014	20.956	ug/l #	78
15) Acrylonitrile	5.252	53	45025	115.217	ug/l	97
16) Acetone	4.022	43	38409	114.741	ug/l #	80
17) Carbon Disulfide	4.264	76	110358	19.995	ug/l	96
18) Methyl Acetate	4.564	43	27956	23.412	ug/l #	84
19) Methyl tert-butyl Ether	5.322	73	80578	21.881	ug/l	94
20) Methylene Chloride	4.793	84	90520	30.217	ug/l #	76
21) trans-1,2-Dichloroethene	5.311	96	44541	20.541	ug/l #	80
22) Diisopropyl ether	6.210	45	99738	22.503	ug/l #	95
23) Vinyl Acetate	6.152	43	226070	129.725	ug/l #	94
24) 1,1-Dichloroethane	6.110	63	77292	22.112	ug/l	97
25) 2-Butanone	7.081	43	47003	111.674	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	61753	21.666	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	51657	21.468	ug/l	84
28) Bromochloromethane	7.422	49	25237	21.653	ug/l #	71
29) Tetrahydrofuran	7.446	42	28580	116.499	ug/l #	68
30) Chloroform	7.593	83	81761	21.873	ug/l	96
31) Cyclohexane	7.881	56	52847	20.509	ug/l #	84
32) 1,1,1-Trichloroethane	7.787	97	66389	22.286	ug/l	97
36) 1,1-Dichloropropene	8.005	75	56560	20.169	ug/l	94
37) Ethyl Acetate	7.169	43	20908	21.531	ug/l #	81
38) Carbon Tetrachloride	7.987	117	51537	20.346	ug/l	97
39) Methylcyclohexane	9.275	83	59653	18.476	ug/l	94
40) Benzene	8.252	78	181577	20.140	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076230.D
 Acq On : 25 May 2023 13:42
 Operator : KP/SY
 Sample : VD0525SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

Quant Time: May 25 17:12:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11691	21.957	ug/l #	68
42) 1,2-Dichloroethane	8.322	62	45462	21.319	ug/l	92
43) Isopropyl Acetate	8.363	43	36399	20.066	ug/l #	81
44) Trichloroethene	9.028	130	48197	18.969	ug/l	94
45) 1,2-Dichloropropane	9.304	63	45681	20.541	ug/l	94
46) Dibromomethane	9.393	93	24860	19.943	ug/l	93
47) Bromodichloromethane	9.581	83	60848	20.311	ug/l #	93
48) Methyl methacrylate	9.381	41	16144	20.109	ug/l #	60
49) 1,4-Dioxane	9.381	88	6040	453.119	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	103571	107.354	ug/l #	83
52) Toluene	10.334	92	114911	20.407	ug/l	93
53) t-1,3-Dichloropropene	10.551	75	54795	20.294	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	68501	20.789	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	38299	21.425	ug/l	93
56) Ethyl methacrylate	10.598	69	35533	19.776	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	59080	21.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	86467	100.300	ug/l	91
59) 2-Hexanone	10.922	43	71654	105.315	ug/l	81
60) Dibromochloromethane	11.075	129	41745	20.769	ug/l	95
61) 1,2-Dibromoethane	11.181	107	34501	21.697	ug/l	100
64) Tetrachloroethene	10.810	164	39625	18.025	ug/l	92
65) Chlorobenzene	11.604	112	125502	19.283	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	44160	19.716	ug/l	93
67) Ethyl Benzene	11.687	91	199206	19.155	ug/l	97
68) m/p-Xylenes	11.793	106	168575	39.660	ug/l	89
69) o-Xylene	12.122	106	74411	19.186	ug/l	91
70) Styrene	12.134	104	133438	19.844	ug/l	94
71) Bromoform	12.298	173	23556	18.697	ug/l #	98
73) Isopropylbenzene	12.422	105	186626	18.736	ug/l	98
74) N-amyl acetate	12.234	43	35373	19.937	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	43910	20.510	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	28784m	21.844	ug/l	
77) Bromobenzene	12.704	156	49092	18.388	ug/l	94
78) n-propylbenzene	12.763	91	241864	19.507	ug/l	97
79) 2-Chlorotoluene	12.851	91	134072	19.538	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	160015	19.378	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	12536	19.958	ug/l #	74
82) 4-Chlorotoluene	12.951	91	143868	19.711	ug/l	94
83) tert-Butylbenzene	13.169	119	130629	18.718	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	161069	19.586	ug/l	94
85) sec-Butylbenzene	13.345	105	210025	19.311	ug/l	97
86) p-Isopropyltoluene	13.463	119	174512	19.610	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	103039	19.088	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	105756	19.786	ug/l	97
89) n-Butylbenzene	13.787	91	157947	18.834	ug/l	98
90) Hexachloroethane	14.057	117	35293	19.280	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	90959	19.201	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5204	18.721	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	47674	17.301	ug/l	96
94) Hexachlorobutadiene	15.204	225	23593	16.793	ug/l	96
95) Naphthalene	15.334	128	93727	18.306	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	42002	16.760	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
Data File : VD076230.D
Acq On : 25 May 2023 13:42
Operator : KP/SY
Sample : VD0525SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 25 17:12:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076230.D
 Acq On : 25 May 2023 13:42
 Operator : KP/SY
 Sample : VD0525SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

Quant Time: May 25 17:12:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

