

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076210.D
 Acq On : 24 May 2023 13:12
 Operator : KP/SY
 Sample : VD0524SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 24 16:25:52 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	178697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	320307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	152840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83693	48.460	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.920%		
35) Dibromofluoromethane	7.805	113	99987	45.161	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.320%		
50) Toluene-d8	10.269	98	377064	43.688	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.380%		
62) 4-Bromofluorobenzene	12.575	95	108744	45.357	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34015	21.106	ug/l	94
3) Chloromethane	2.146	50	63950	21.643	ug/l	100
4) Vinyl Chloride	2.281	62	79800	22.959	ug/l	100
5) Bromomethane	2.675	94	54036	23.092	ug/l	98
6) Chloroethane	2.828	64	55648	23.797	ug/l	99
7) Trichlorofluoromethane	3.164	101	61442	20.856	ug/l	95
8) Diethyl Ether	3.593	74	20409	21.066	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.958	101	40672	20.959	ug/l	94
10) Methyl Iodide	4.158	142	45478	22.539	ug/l	93
11) Tert butyl alcohol	5.069	59	9720	106.394	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	39730	20.571	ug/l	85
13) Acrolein	3.793	56	17523	78.370	ug/l	90
14) Allyl chloride	4.552	41	40648	20.738	ug/l #	80
15) Acrylonitrile	5.252	53	45325	112.989	ug/l	98
16) Acetone	4.017	43	38592	112.310	ug/l #	89
17) Carbon Disulfide	4.264	76	114134	20.167	ug/l	96
18) Methyl Acetate	4.558	43	27396	22.350	ug/l #	77
19) Methyl tert-butyl Ether	5.311	73	79399	21.004	ug/l	96
20) Methylene Chloride	4.793	84	76987	23.080	ug/l #	77
21) trans-1,2-Dichloroethene	5.311	96	46385	20.839	ug/l #	81
22) Diisopropyl ether	6.216	45	99888	21.955	ug/l #	91
23) Vinyl Acetate	6.158	43	229945	128.540	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	77067	21.478	ug/l	97
25) 2-Butanone	7.081	43	49431	114.409	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	62830	21.475	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	51771	20.959	ug/l	85
28) Bromochloromethane	7.428	49	25790	21.556	ug/l #	67
29) Tetrahydrofuran	7.446	42	28372	112.664	ug/l #	66
30) Chloroform	7.599	83	83089	21.654	ug/l	92
31) Cyclohexane	7.875	56	55389	20.941	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	62452	20.423	ug/l	96
36) 1,1-Dichloropropene	8.010	75	56993	19.060	ug/l	96
37) Ethyl Acetate	7.169	43	19967	19.284	ug/l #	80
38) Carbon Tetrachloride	7.993	117	50590	18.731	ug/l	99
39) Methylcyclohexane	9.275	83	59788	17.367	ug/l	94
40) Benzene	8.252	78	184650	19.208	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076210.D
 Acq On : 24 May 2023 13:12
 Operator : KP/SY
 Sample : VD0524SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 24 16:25:52 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	7.393	41	9591	16.893	ug/l #	63
42) 1,2-Dichloroethane	8.328	62	44902	19.747	ug/l	95
43) Isopropyl Acetate	8.363	43	37232	19.249	ug/l #	80
44) Trichloroethene	9.028	130	50014	18.460	ug/l	93
45) 1,2-Dichloropropane	9.305	63	46424	19.578	ug/l	92
46) Dibromomethane	9.393	93	26223	19.729	ug/l	94
47) Bromodichloromethane	9.581	83	62605	19.598	ug/l	94
48) Methyl methacrylate	9.381	41	15579	18.199	ug/l #	59
49) 1,4-Dioxane	9.381	88	5887	414.189	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	102812	99.943	ug/l #	80
52) Toluene	10.334	92	119544	19.910	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	55306	19.210	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	67652	19.255	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	37423	19.634	ug/l	94
56) Ethyl methacrylate	10.599	69	36218	18.905	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	59772	19.988	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	87680	95.385	ug/l	93
59) 2-Hexanone	10.922	43	73440	101.231	ug/l	79
60) Dibromochloromethane	11.075	129	41799	19.503	ug/l	99
61) 1,2-Dibromoethane	11.181	107	32623	19.241	ug/l	95
64) Tetrachloroethene	10.810	164	39894	17.402	ug/l	95
65) Chlorobenzene	11.610	112	128747	18.970	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	44585	19.089	ug/l	96
67) Ethyl Benzene	11.687	91	200619	18.499	ug/l	94
68) m/p-Xylenes	11.793	106	168190	37.946	ug/l	91
69) o-Xylene	12.122	106	75482	18.664	ug/l	90
70) Styrene	12.134	104	133218	18.999	ug/l	92
71) Bromoform	12.298	173	24616	18.737	ug/l #	99
73) Isopropylbenzene	12.422	105	188750	18.669	ug/l	98
74) N-amyl acetate	12.234	43	33887	18.817	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	43096	19.832	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	30142m	22.536	ug/l	
77) Bromobenzene	12.704	156	49493	18.264	ug/l	95
78) n-propylbenzene	12.763	91	243589	19.356	ug/l	98
79) 2-Chlorotoluene	12.851	91	134633	19.330	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	159276	19.003	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	12799	20.075	ug/l #	74
82) 4-Chlorotoluene	12.945	91	141734	19.131	ug/l	92
83) tert-Butylbenzene	13.169	119	130619	18.440	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	160992	19.287	ug/l	96
85) sec-Butylbenzene	13.345	105	210464	19.065	ug/l	99
86) p-Isopropyltoluene	13.463	119	169657	18.782	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	103456	18.882	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	103969	19.164	ug/l	98
89) n-Butylbenzene	13.793	91	157341	18.484	ug/l	98
90) Hexachloroethane	14.057	117	34973	18.823	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	91069	18.940	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5225	18.519	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	46268	16.543	ug/l	98
94) Hexachlorobutadiene	15.204	225	22523	15.794	ug/l	99
95) Naphthalene	15.334	128	91337	17.575	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	43097	16.943	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
Data File : VD076210.D
Acq On : 24 May 2023 13:12
Operator : KP/SY
Sample : VD0524SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 24 16:25:52 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)
----------	------	------	----------	------	-------	----------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076210.D
 Acq On : 24 May 2023 13:12
 Operator : KP/SY
 Sample : VD0524SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 24 16:25:52 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

