

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076133.D
 Acq On : 18 May 2023 11:35
 Operator : KP/SY
 Sample : VD0518SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

05/19/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: May 19 01:51:48 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	196945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	164915	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100343	52.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.440%	
35) Dibromofluoromethane	7.804	113	115896	49.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.940%	
50) Toluene-d8	10.269	98	458451	50.196	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.575	95	129500	51.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	39799	22.407	ug/l	93
3) Chloromethane	2.146	50	74946	23.323	ug/l	97
4) Vinyl Chloride	2.281	62	93931	24.521	ug/l	94
5) Bromomethane	2.675	94	60781	23.568	ug/l	99
6) Chloroethane	2.828	64	63786	24.750	ug/l	98
7) Trichlorofluoromethane	3.169	101	73206	22.546	ug/l	98
8) Diethyl Ether	3.587	74	21264	19.914	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.964	101	46955	21.955	ug/l	94
10) Methyl Iodide	4.164	142	52119	23.437	ug/l	91
11) Tert butyl alcohol	5.063	59	11656	115.764	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	45037	21.158	ug/l	90
13) Acrolein	3.799	56	22585	91.650	ug/l	93
14) Allyl chloride	4.558	41	45771	21.188	ug/l #	82
15) Acrylonitrile	5.252	53	47868	108.272	ug/l	96
16) Acetone	4.016	43	40886	107.961	ug/l	91
17) Carbon Disulfide	4.263	76	139915	22.764	ug/l	95
18) Methyl Acetate	4.558	43	29220	21.630	ug/l #	78
19) Methyl tert-butyl Ether	5.316	73	87275	20.948	ug/l	94
20) Methylene Chloride	4.793	84	73663	18.590	ug/l #	78
21) trans-1,2-Dichloroethene	5.305	96	53616	21.855	ug/l #	77
22) Diisopropyl ether	6.216	45	111162	22.169	ug/l #	91
23) Vinyl Acetate	6.158	43	203074m	103.001	ug/l	
24) 1,1-Dichloroethane	6.110	63	87834	22.211	ug/l	96
25) 2-Butanone	7.081	43	52411	110.066	ug/l #	79
26) 2,2-Dichloropropane	7.075	77	72778	22.570	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	58649	21.544	ug/l	85
28) Bromochloromethane	7.416	49	28438	21.567	ug/l #	60
29) Tetrahydrofuran	7.446	42	28410	102.362	ug/l #	66
30) Chloroform	7.599	83	91695	21.683	ug/l	98
31) Cyclohexane	7.875	56	63327	21.723	ug/l #	81
32) 1,1,1-Trichloroethane	7.787	97	75107	22.286	ug/l	98
36) 1,1-Dichloropropene	8.004	75	67913	21.463	ug/l	96
37) Ethyl Acetate	7.169	43	21174	19.325	ug/l #	78
38) Carbon Tetrachloride	7.993	117	56771	19.863	ug/l	95
39) Methylcyclohexane	9.275	83	72166	19.810	ug/l	95
40) Benzene	8.252	78	208451	20.491	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076133.D
 Acq On : 18 May 2023 11:35
 Operator : KP/SY
 Sample : VD0518SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS01

Quant Time: May 19 01:51:48 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

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

05/19/2023
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	12702m	21.142	ug/l	
42) 1,2-Dichloroethane	8.322	62	49813	20.702	ug/l	89
43) Isopropyl Acetate	8.357	43	39870	19.479	ug/l #	83
44) Trichloroethene	9.028	130	55370	19.313	ug/l	99
45) 1,2-Dichloropropane	9.304	63	50324	20.055	ug/l	89
46) Dibromomethane	9.399	93	27499	19.551	ug/l	93
47) Bromodichloromethane	9.587	83	69941	20.691	ug/l	95
48) Methyl methacrylate	9.381	41	17790	19.638	ug/l #	60
49) 1,4-Dioxane	9.393	88	6255	415.876	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	104968	96.427	ug/l #	82
52) Toluene	10.334	92	131016	20.621	ug/l	93
53) t-1,3-Dichloropropene	10.551	75	61637	20.231	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	75746	20.373	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	41357	20.505	ug/l	94
56) Ethyl methacrylate	10.598	69	38075	18.781	ug/l #	72
57) 1,3-Dichloropropane	10.875	76	64871	20.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	95902	98.591	ug/l	92
59) 2-Hexanone	10.922	43	75088	97.810	ug/l	75
60) Dibromochloromethane	11.075	129	45755	20.175	ug/l	98
61) 1,2-Dibromoethane	11.181	107	38641	21.537	ug/l	95
64) Tetrachloroethene	10.810	164	44110	18.056	ug/l	95
65) Chlorobenzene	11.610	112	142211	19.662	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	49167	19.754	ug/l	95
67) Ethyl Benzene	11.681	91	227891	19.719	ug/l	99
68) m/p-Xylenes	11.793	106	191224	40.484	ug/l	92
69) o-Xylene	12.122	106	84802	19.676	ug/l	95
70) Styrene	12.134	104	152476	20.405	ug/l	94
71) Bromoform	12.298	173	25560	18.257	ug/l #	98
73) Isopropylbenzene	12.422	105	216523	19.847	ug/l	99
74) N-amyl acetate	12.234	43	35581	18.311	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	47249	20.152	ug/l	92
76) 1,2,3-Trichloropropane	12.722	75	31334m	21.712	ug/l	
77) Bromobenzene	12.704	156	55665	19.037	ug/l	94
78) n-propylbenzene	12.763	91	277293	20.421	ug/l	98
79) 2-Chlorotoluene	12.851	91	151422	20.148	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	184259	20.374	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	14016	20.374	ug/l #	72
82) 4-Chlorotoluene	12.945	91	160932	20.132	ug/l	93
83) tert-Butylbenzene	13.169	119	151211	19.784	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	182117	20.221	ug/l	92
85) sec-Butylbenzene	13.345	105	239668	20.121	ug/l	100
86) p-Isopropyltoluene	13.463	119	194682	19.975	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	114319	19.337	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	115071	19.657	ug/l	98
89) n-Butylbenzene	13.787	91	182852	19.908	ug/l	100
90) Hexachloroethane	14.051	117	39903	19.904	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	101353	19.535	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5633	18.503	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	51402	17.033	ug/l	97
94) Hexachlorobutadiene	15.204	225	26074	16.945	ug/l	97
95) Naphthalene	15.334	128	94597	16.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	45061	16.418	ug/l	98

05/19/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
Data File : VD076133.D
Acq On : 18 May 2023 11:35
Operator : KP/SY
Sample : VD0518SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 19 01:51:48 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 :
VD0518SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa
Patel

05/19/2023
Supervised By :Mahesh
Dadoda

05/19/2023

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\VD051823\
Data File : VD076133.D
Acq On : 18 May 2023 11:35
Operator : KP/SY
Sample : VD0518SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa
Patel

05/19/2023
Supervised By :Mahesh
Dadoda

05/19/2023

Quant Time: May 19 01:51:48 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

