

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076156.D
 Acq On : 19 May 2023 14:42
 Operator : KP/SY
 Sample : VD0519SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

Quant Time: May 22 01:28:51 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	191878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	308307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	157368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90813	48.970	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.940%		
35) Dibromofluoromethane	7.804	113	107258	46.429	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.860%		
50) Toluene-d8	10.269	98	431282	47.891	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.780%		
62) 4-Bromofluorobenzene	12.575	95	122773	49.078	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	39731	22.959	ug/l	93
3) Chloromethane	2.146	50	72960	23.301	ug/l	95
4) Vinyl Chloride	2.281	62	90699	24.302	ug/l	100
5) Bromomethane	2.675	94	59462	23.665	ug/l	98
6) Chloroethane	2.828	64	59883	23.849	ug/l	99
7) Trichlorofluoromethane	3.169	101	67532	21.348	ug/l	98
8) Diethyl Ether	3.587	74	21057	20.241	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.969	101	43957	21.096	ug/l	97
10) Methyl Iodide	4.163	142	51239	23.650	ug/l	91
11) Tert butyl alcohol	5.052	59	11129	113.449	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	43739	21.091	ug/l	85
13) Acrolein	3.793	56	21975	91.530	ug/l	96
14) Allyl chloride	4.558	41	44461	21.125	ug/l #	81
15) Acrylonitrile	5.252	53	44323	102.901	ug/l	99
16) Acetone	4.022	43	39244	106.362	ug/l #	82
17) Carbon Disulfide	4.263	76	130699	21.705	ug/l	99
18) Methyl Acetate	4.558	43	28455	21.620	ug/l #	78
19) Methyl tert-butyl Ether	5.316	73	81276	20.024	ug/l	97
20) Methylene Chloride	4.805	84	69482	17.653	ug/l #	75
21) trans-1,2-Dichloroethene	5.310	96	50614	21.177	ug/l #	80
22) Diisopropyl ether	6.216	45	107374	21.979	ug/l #	92
23) Vinyl Acetate	6.152	43	196714	102.410	ug/l #	89
24) 1,1-Dichloroethane	6.110	63	86132	22.356	ug/l	98
25) 2-Butanone	7.081	43	51248	110.466	ug/l #	82
26) 2,2-Dichloropropane	7.069	77	70369	22.399	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	57028	21.502	ug/l	84
28) Bromochloromethane	7.422	49	27265	21.223	ug/l #	63
29) Tetrahydrofuran	7.446	42	28233	104.410	ug/l #	67
30) Chloroform	7.593	83	88427	21.462	ug/l	99
31) Cyclohexane	7.875	56	59555	20.969	ug/l #	68
32) 1,1,1-Trichloroethane	7.787	97	69531	21.176	ug/l	96
36) 1,1-Dichloropropene	8.004	75	63721	20.424	ug/l	94
37) Ethyl Acetate	7.163	43	23015	21.303	ug/l #	88
38) Carbon Tetrachloride	7.987	117	55653	19.748	ug/l	95
39) Methylcyclohexane	9.269	83	69034	19.219	ug/l	94
40) Benzene	8.252	78	200571	19.996	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076156.D
 Acq On : 19 May 2023 14:42
 Operator : KP/SY
 Sample : VD0519SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

Quant Time: May 22 01:28:51 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	7.410	41	11277m	19.036	ug/l	
42) 1,2-Dichloroethane	8.322	62	47317	19.944	ug/l	93
43) Isopropyl Acetate	8.357	43	37365	18.514	ug/l #	80
44) Trichloroethene	9.028	130	52384	18.531	ug/l	90
45) 1,2-Dichloropropane	9.304	63	48618	19.650	ug/l	98
46) Dibromomethane	9.393	93	26511	19.116	ug/l	94
47) Bromodichloromethane	9.581	83	63845	19.155	ug/l	99
48) Methyl methacrylate	9.381	41	17656	19.767	ug/l #	67
49) 1,4-Dioxane	9.375	88	5834	393.384	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	102753	95.730	ug/l #	83
52) Toluene	10.334	92	128015	20.434	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	58226	19.383	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	73214	19.971	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	39952	20.089	ug/l	95
56) Ethyl methacrylate	10.598	69	37115	18.567	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	61588	19.739	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	90689	94.554	ug/l	92
59) 2-Hexanone	10.922	43	72569	95.869	ug/l	80
60) Dibromochloromethane	11.069	129	42779	19.130	ug/l	99
61) 1,2-Dibromoethane	11.181	107	35260	19.931	ug/l	98
64) Tetrachloroethene	10.810	164	42295	17.840	ug/l	96
65) Chlorobenzene	11.604	112	134860	19.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	46026	19.055	ug/l	93
67) Ethyl Benzene	11.681	91	215092	19.178	ug/l	98
68) m/p-Xylenes	11.792	106	183719	40.080	ug/l	90
69) o-Xylene	12.122	106	80600	19.271	ug/l	92
70) Styrene	12.134	104	144644	19.947	ug/l	93
71) Bromoform	12.298	173	24475	18.014	ug/l #	98
73) Isopropylbenzene	12.422	105	207138	19.898	ug/l	99
74) N-amyl acetate	12.234	43	33719	18.185	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.675	83	42683	19.077	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	27995m	20.329	ug/l	
77) Bromobenzene	12.698	156	52220	18.715	ug/l	96
78) n-propylbenzene	12.763	91	260592	20.111	ug/l	98
79) 2-Chlorotoluene	12.851	91	141682	19.756	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	171885	19.917	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	13288	20.243	ug/l #	68
82) 4-Chlorotoluene	12.945	91	154042	20.194	ug/l	95
83) tert-Butylbenzene	13.169	119	141456	19.395	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	173989	20.245	ug/l	95
85) sec-Butylbenzene	13.345	105	227561	20.021	ug/l	98
86) p-Isopropyltoluene	13.463	119	183843	19.767	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	107955	19.136	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	109022	19.517	ug/l	99
89) n-Butylbenzene	13.787	91	172130	19.639	ug/l	99
90) Hexachloroethane	14.057	117	37730	19.722	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	94042	18.995	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5430	18.691	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	49510	17.192	ug/l	96
94) Hexachlorobutadiene	15.204	225	24937	16.984	ug/l	96
95) Naphthalene	15.333	128	92654	17.316	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	43357	16.555	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
Data File : VD076156.D
Acq On : 19 May 2023 14:42
Operator : KP/SY
Sample : VD0519SBSD02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

Quant Time: May 22 01:28:51 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\VD051923\
 Data File : VD076156.D
 Acq On : 19 May 2023 14:42
 Operator : KP/SY
 Sample : VD0519SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

Quant Time: May 22 01:28:51 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

