

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076827.D
 Acq On : 27 Jul 2023 11:54
 Operator : KP/SY
 Sample : VD0727SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023

Quant Time: Jul 27 14:47:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	210037	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	371530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	335016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103824	49.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.260%
35) Dibromofluoromethane	7.805	113	126044	53.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.980%
50) Toluene-d8	10.269	98	421059	50.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.575	95	142345	52.683	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.360%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	36147	22.008	ug/l	99
3) Chloromethane	2.146	50	49803	17.578	ug/l	98
4) Vinyl Chloride	2.275	62	72450	19.183	ug/l	95
5) Bromomethane	2.670	94	56238	18.097	ug/l	99
6) Chloroethane	2.823	64	54439	19.091	ug/l	100
7) Trichlorofluoromethane	3.164	101	74319	22.114	ug/l	93
8) Diethyl Ether	3.593	74	23488	20.299	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	49977	22.623	ug/l	96
10) Methyl Iodide	4.152	142	46380	18.625	ug/l	94
11) Tert butyl alcohol	5.069	59	17185	110.082	ug/l	# 89
12) 1,1-Dichloroethene	3.934	96	43379	20.901	ug/l	94
13) Acrolein	3.793	56	14299	134.410	ug/l	99
14) Allyl chloride	4.558	41	52631	19.304	ug/l	92
15) Acrylonitrile	5.258	53	55651	97.926	ug/l	100
16) Acetone	4.022	43	49926	99.927	ug/l	91
17) Carbon Disulfide	4.258	76	80339	16.573	ug/l	100
18) Methyl Acetate	4.558	43	35758	19.049	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	114856	20.636	ug/l	98
20) Methylene Chloride	4.799	84	81897	21.698	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	47978	19.887	ug/l	96
22) Diisopropyl ether	6.216	45	130930	20.279	ug/l	96
23) Vinyl Acetate	6.158	43	307053	96.120	ug/l	# 89
24) 1,1-Dichloroethane	6.111	63	90968	20.898	ug/l	98
25) 2-Butanone	7.081	43	72066	107.775	ug/l	# 86
26) 2,2-Dichloropropane	7.069	77	84678	22.566	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	60424	20.317	ug/l	92
28) Bromochloromethane	7.422	49	24977	22.950	ug/l	83
29) Tetrahydrofuran	7.446	42	40002	101.252	ug/l	91
30) Chloroform	7.593	83	100059	20.986	ug/l	98
31) Cyclohexane	7.875	56	62630	20.342	ug/l	# 96
32) 1,1,1-Trichloroethane	7.799	97	87295	22.693	ug/l	97
36) 1,1-Dichloropropene	8.005	75	66791	21.893	ug/l	97
37) Ethyl Acetate	7.163	43	26322	19.292	ug/l	98
38) Carbon Tetrachloride	7.993	117	65210	22.323	ug/l	90
39) Methylcyclohexane	9.269	83	77169	21.906	ug/l	95
40) Benzene	8.246	78	199084	20.682	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076827.D
 Acq On : 27 Jul 2023 11:54
 Operator : KP/SY
 Sample : VD0727SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Quant Time: Jul 27 14:47:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15963	19.159	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	53254	21.292	ug/l	97
43) Isopropyl Acetate	8.363	43	57915	21.750	ug/l	91
44) Trichloroethene	9.028	130	54494	20.774	ug/l	79
45) 1,2-Dichloropropane	9.305	63	51222	20.614	ug/l	100
46) Dibromomethane	9.393	93	30931	21.266	ug/l	90
47) Bromodichloromethane	9.581	83	75989	20.819	ug/l	99
48) Methyl methacrylate	9.381	41	24436	20.164	ug/l	88
49) 1,4-Dioxane	9.387	88	7023	376.871	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	152407	107.503	ug/l	93
52) Toluene	10.334	92	128762	20.366	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	70442	20.793	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	84881	21.259	ug/l #	90
55) 1,1,2-Trichloroethane	10.728	97	45903	21.612	ug/l	93
56) Ethyl methacrylate	10.599	69	50795	20.721	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	71999	20.816	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	102632	108.160	ug/l	99
59) 2-Hexanone	10.922	43	109711	108.454	ug/l	90
60) Dibromochloromethane	11.075	129	54237	21.982	ug/l	99
61) 1,2-Dibromoethane	11.175	107	41760	21.207	ug/l	99
64) Tetrachloroethene	10.810	164	42726	22.366	ug/l	97
65) Chlorobenzene	11.604	112	148257	22.004	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	53746	21.425	ug/l	99
67) Ethyl Benzene	11.681	91	257933	21.798	ug/l	95
68) m/p-Xylenes	11.793	106	199686	43.939	ug/l	93
69) o-Xylene	12.122	106	92668	21.086	ug/l	87
70) Styrene	12.134	104	167920	21.827	ug/l	97
71) Bromoform	12.298	173	30689	22.337	ug/l #	98
73) Isopropylbenzene	12.422	105	260031	22.814	ug/l	95
74) N-amyl acetate	12.234	43	52485	21.857	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	52842	21.592	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	33304m	22.292	ug/l	
77) Bromobenzene	12.704	156	56646	21.531	ug/l	86
78) n-propylbenzene	12.763	91	318655	23.061	ug/l	95
79) 2-Chlorotoluene	12.846	91	172071	22.711	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	208817	22.657	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	15077	21.477	ug/l	93
82) 4-Chlorotoluene	12.945	91	177350	22.407	ug/l	93
83) tert-Butylbenzene	13.163	119	186159	22.940	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	210430	22.343	ug/l	93
85) sec-Butylbenzene	13.345	105	289493	23.350	ug/l	96
86) p-Isopropyltoluene	13.457	119	236254	23.073	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	119548	22.092	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	117736	22.207	ug/l	97
89) n-Butylbenzene	13.787	91	228284	22.784	ug/l	99
90) Hexachloroethane	14.051	117	45201	23.878	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	104515	21.918	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7475	21.422	ug/l	95
93) 1,2,4-Trichlorobenzene	15.092	180	64795	22.258	ug/l	98
94) Hexachlorobutadiene	15.204	225	31907	22.790	ug/l	98
95) Naphthalene	15.334	128	158185	25.096	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	56653	21.686	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
Data File : VD076827.D
Acq On : 27 Jul 2023 11:54
Operator : KP/SY
Sample : VD0727SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

Quant Time: Jul 27 14:47:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

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

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

