

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076485.D
 Acq On : 20 Jun 2023 11:47
 Operator : KP/SY
 Sample : VD0620SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 15:29:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	125098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	219268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	201645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63386	50.572	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.140%			
35) Dibromofluoromethane	7.805	113	68493	52.582	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.160%			
50) Toluene-d8	10.269	98	253732	51.362	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.720%			
62) 4-Bromofluorobenzene	12.575	95	83491	52.076	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	21516	22.635	ug/l	93
3) Chloromethane	2.146	50	43726	22.118	ug/l	99
4) Vinyl Chloride	2.281	62	51120	23.180	ug/l	95
5) Bromomethane	2.675	94	32750	22.840	ug/l	100
6) Chloroethane	2.822	64	35656	23.590	ug/l	95
7) Trichlorofluoromethane	3.164	101	42615	23.481	ug/l	95
8) Diethyl Ether	3.587	74	15001	21.963	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.952	101	26586	22.746	ug/l	95
10) Methyl Iodide	4.152	142	30237	21.821	ug/l	94
11) Tert butyl alcohol	5.064	59	11234m	103.810	ug/l	
12) 1,1-Dichloroethene	3.934	96	25531	22.304	ug/l #	81
13) Acrolein	3.793	56	12206	104.718	ug/l	98
14) Allyl chloride	4.558	41	47616	22.746	ug/l #	87
15) Acrylonitrile	5.258	53	36690	104.464	ug/l	96
16) Acetone	4.022	43	29139	97.698	ug/l #	77
17) Carbon Disulfide	4.264	76	67210	21.489	ug/l	98
18) Methyl Acetate	4.564	43	29620	21.550	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	69676	22.253	ug/l	95
20) Methylene Chloride	4.793	84	53935	28.999	ug/l #	76
21) trans-1,2-Dichloroethene	5.311	96	29441	22.252	ug/l	98
22) Diisopropyl ether	6.210	45	103138	22.785	ug/l #	91
23) Vinyl Acetate	6.152	43	237949	106.050	ug/l #	83
24) 1,1-Dichloroethane	6.105	63	58460	23.128	ug/l	96
25) 2-Butanone	7.081	43	45900	99.499	ug/l #	71
26) 2,2-Dichloropropane	7.069	77	47762	21.916	ug/l	93
27) cis-1,2-Dichloroethene	7.069	96	37838	23.631	ug/l	88
28) Bromochloromethane	7.428	49	19588	25.917	ug/l #	66
29) Tetrahydrofuran	7.446	42	30317	102.263	ug/l #	77
30) Chloroform	7.593	83	57950	23.153	ug/l	93
31) Cyclohexane	7.869	56	44069	21.922	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	47397	23.427	ug/l	96
36) 1,1-Dichloropropene	8.005	75	41306	22.644	ug/l	94
37) Ethyl Acetate	7.169	43	20887	19.760	ug/l #	95
38) Carbon Tetrachloride	7.987	117	38088	23.361	ug/l	91
39) Methylcyclohexane	9.269	83	47732	22.298	ug/l	94
40) Benzene	8.246	78	128701	23.136	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076485.D
 Acq On : 20 Jun 2023 11:47
 Operator : KP/SY
 Sample : VD0620SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 15:29:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13562	22.721	ug/l #	78
42) 1,2-Dichloroethane	8.322	62	34614	23.029	ug/l	95
43) Isopropyl Acetate	8.363	43	41277	20.627	ug/l #	86
44) Trichloroethene	9.022	130	35043	23.353	ug/l	99
45) 1,2-Dichloropropane	9.304	63	35882	23.791	ug/l	98
46) Dibromomethane	9.387	93	18005	22.284	ug/l	95
47) Bromodichloromethane	9.581	83	45472	23.518	ug/l	97
48) Methyl methacrylate	9.381	41	17728	19.328	ug/l #	75
49) 1,4-Dioxane	9.381	88	3799	392.435	ug/l #	60
51) 4-Methyl-2-Pentanone	10.157	43	106436	104.049	ug/l #	83
52) Toluene	10.334	92	81205	23.263	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	43778	22.313	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	52084	22.391	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	24915	22.045	ug/l	95
56) Ethyl methacrylate	10.599	69	31705	21.485	ug/l #	73
57) 1,3-Dichloropropane	10.881	76	40806	21.088	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.869	63	70998	113.483	ug/l #	88
59) 2-Hexanone	10.922	43	70557	99.158	ug/l	83
60) Dibromochloromethane	11.069	129	29769	22.633	ug/l	95
61) 1,2-Dibromoethane	11.175	107	23888	22.516	ug/l	96
64) Tetrachloroethene	10.810	164	27939	23.083	ug/l	93
65) Chlorobenzene	11.604	112	89564	23.380	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	32104	23.433	ug/l	98
67) Ethyl Benzene	11.681	91	160152	23.594	ug/l	94
68) m/p-Xylenes	11.793	106	122071	46.069	ug/l	91
69) o-Xylene	12.122	106	59089	23.426	ug/l	92
70) Styrene	12.134	104	96979	22.257	ug/l	93
71) Bromoform	12.298	173	18186	22.108	ug/l #	97
73) Isopropylbenzene	12.422	105	153896	23.037	ug/l	97
74) N-amyl acetate	12.234	43	38647	19.761	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.675	83	30311	21.989	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	19030m	19.325	ug/l	
77) Bromobenzene	12.704	156	36647	22.236	ug/l	90
78) n-propylbenzene	12.763	91	192382	23.324	ug/l	97
79) 2-Chlorotoluene	12.845	91	105968	23.395	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	127977	23.459	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	9332	20.766	ug/l	96
82) 4-Chlorotoluene	12.945	91	106270	22.592	ug/l	97
83) tert-Butylbenzene	13.163	119	113809	23.478	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	125596	22.845	ug/l	96
85) sec-Butylbenzene	13.340	105	169333	23.540	ug/l	95
86) p-Isopropyltoluene	13.463	119	140113	23.311	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	74726	23.083	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	74039	22.932	ug/l	97
89) n-Butylbenzene	13.787	91	133625	22.793	ug/l	98
90) Hexachloroethane	14.051	117	25186	22.706	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	66334	23.449	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4560	21.977	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	41660	22.097	ug/l	99
94) Hexachlorobutadiene	15.204	225	21433	23.384	ug/l	99
95) Naphthalene	15.328	128	76392	20.263	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	37740	22.976	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
Data File : VD076485.D
Acq On : 20 Jun 2023 11:47
Operator : KP/SY
Sample : VD0620SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0620SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 15:29:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

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

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

