

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076467.D
 Acq On : 19 Jun 2023 13:41
 Operator : KP/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 20 05:24:07 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	7.875	168	162293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	273936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	249065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70558	43.393	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.780%		
35) Dibromofluoromethane	7.804	113	75104	46.151	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.300%		
50) Toluene-d8	10.269	98	275203	44.591	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.180%		
62) 4-Bromofluorobenzene	12.575	95	88327	44.098	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	27187	22.046	ug/l	98
3) Chloromethane	2.146	50	50526	19.700	ug/l	92
4) Vinyl Chloride	2.275	62	57220	20.000	ug/l	99
5) Bromomethane	2.669	94	37507	20.162	ug/l	96
6) Chloroethane	2.822	64	40123	20.461	ug/l	98
7) Trichlorofluoromethane	3.163	101	47984	20.380	ug/l	95
8) Diethyl Ether	3.581	74	18192	20.530	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.963	101	33230	21.915	ug/l	98
10) Methyl Iodide	4.158	142	36480	20.293	ug/l	93
11) Tert butyl alcohol	5.057	59	13692	97.527	ug/l #	89
12) 1,1-Dichloroethene	3.928	96	29766	20.044	ug/l	85
13) Acrolein	3.787	56	15715	103.923	ug/l	97
14) Allyl chloride	4.552	41	54111	19.924	ug/l #	86
15) Acrylonitrile	5.246	53	44285	97.191	ug/l	95
16) Acetone	4.016	43	34300	88.645	ug/l #	80
17) Carbon Disulfide	4.263	76	75948	18.718	ug/l	99
18) Methyl Acetate	4.563	43	36830	20.654	ug/l #	81
19) Methyl tert-butyl Ether	5.316	73	80681	19.862	ug/l	97
20) Methylene Chloride	4.793	84	38531	11.837	ug/l #	76
21) trans-1,2-Dichloroethene	5.305	96	34129	19.884	ug/l	88
22) Diisopropyl ether	6.216	45	115090	19.598	ug/l #	89
23) Vinyl Acetate	6.152	43	287824	98.880	ug/l #	85
24) 1,1-Dichloroethane	6.110	63	66531	20.288	ug/l	96
25) 2-Butanone	7.081	43	56616	94.601	ug/l #	80
26) 2,2-Dichloropropane	7.069	77	51697	18.285	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	39664	19.094	ug/l	86
28) Bromochloromethane	7.422	49	21546	21.652	ug/l #	74
29) Tetrahydrofuran	7.440	42	39039	101.504	ug/l #	78
30) Chloroform	7.593	83	64329	19.812	ug/l	96
31) Cyclohexane	7.869	56	54537	20.846	ug/l #	83
32) 1,1,1-Trichloroethane	7.787	97	53204	20.270	ug/l	96
36) 1,1-Dichloropropene	8.004	75	47291	20.751	ug/l	96
37) Ethyl Acetate	7.169	43	28226	21.374	ug/l #	92
38) Carbon Tetrachloride	7.987	117	41909	20.575	ug/l	98
39) Methylcyclohexane	9.275	83	55367	20.703	ug/l #	87
40) Benzene	8.246	78	143741	20.683	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076467.D
 Acq On : 19 Jun 2023 13:41
 Operator : KP/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 20 05:24:07 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	7.393	41	15771	21.149	ug/l #	80
42) 1,2-Dichloroethane	8.322	62	39191	20.870	ug/l	93
43) Isopropyl Acetate	8.357	43	52497	20.998	ug/l #	84
44) Trichloroethene	9.022	130	36244	19.333	ug/l	83
45) 1,2-Dichloropropane	9.304	63	39019	20.708	ug/l	97
46) Dibromomethane	9.387	93	20786	20.592	ug/l	96
47) Bromodichloromethane	9.581	83	48635	20.134	ug/l #	91
48) Methyl methacrylate	9.381	41	23187	20.235	ug/l #	73
49) 1,4-Dioxane	9.387	88	5179	428.224	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	134781	105.464	ug/l	86
52) Toluene	10.328	92	90726	20.804	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	51375	20.960	ug/l	89
54) cis-1,3-Dichloropropene	10.016	75	61030	21.001	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	28998	20.538	ug/l	95
56) Ethyl methacrylate	10.592	69	38251	20.748	ug/l #	70
57) 1,3-Dichloropropane	10.875	76	48477	20.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	85493	109.381	ug/l	92
59) 2-Hexanone	10.922	43	92041	103.537	ug/l	80
60) Dibromochloromethane	11.075	129	33358	20.301	ug/l	95
61) 1,2-Dibromoethane	11.181	107	28062	21.172	ug/l	99
64) Tetrachloroethene	10.810	164	32111	21.478	ug/l	93
65) Chlorobenzene	11.604	112	99085	20.940	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	35860	21.191	ug/l	96
67) Ethyl Benzene	11.681	91	169682	20.238	ug/l	96
68) m/p-Xylenes	11.792	106	133945	40.926	ug/l	92
69) o-Xylene	12.116	106	62614	20.098	ug/l	89
70) Styrene	12.134	104	107192	19.918	ug/l	93
71) Bromoform	12.298	173	21068	20.735	ug/l #	96
73) Isopropylbenzene	12.422	105	165873	20.084	ug/l	97
74) N-amyl acetate	12.234	43	48300	19.976	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	36272	21.283	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	22468m	18.455	ug/l	
77) Bromobenzene	12.698	156	39183	19.230	ug/l	85
78) n-propylbenzene	12.763	91	203345	19.940	ug/l	97
79) 2-Chlorotoluene	12.851	91	110091	19.659	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	138655	20.557	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	10672	19.208	ug/l	89
82) 4-Chlorotoluene	12.945	91	115425	19.847	ug/l	97
83) tert-Butylbenzene	13.163	119	119428	19.928	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	136075	20.020	ug/l	99
85) sec-Butylbenzene	13.345	105	184062	20.696	ug/l	95
86) p-Isopropyltoluene	13.457	119	150229	20.216	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	80668	20.155	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	79874	20.010	ug/l	97
89) n-Butylbenzene	13.786	91	142122	19.608	ug/l	99
90) Hexachloroethane	14.051	117	28240	20.592	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	70286	20.096	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5331	20.781	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	46163	19.805	ug/l	99
94) Hexachlorobutadiene	15.198	225	23993	21.172	ug/l	99
95) Naphthalene	15.328	128	93378	20.034	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	44087	21.709	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
Data File : VD076467.D
Acq On : 19 Jun 2023 13:41
Operator : KP/SY
Sample : VD0619SBSD01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

Quant Time: Jun 20 05:24:07 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

