

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072498.D
 Acq On : 01 Apr 2022 13:03
 Operator : VA/SY
 Sample : VD0401SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 02 02:36:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

04/04/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	394216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	640422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	599291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	319226	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	219032	45.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.860%
35) Dibromofluoromethane	7.909	113	236450	47.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.020%
50) Toluene-d8	10.332	98	824777	47.674	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.620	95	324511	48.029	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.060%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	53154	16.990	ug/l	90
3) Chloromethane	2.209	50	42471	14.677	ug/l	96
4) Vinyl Chloride	2.344	62	47029	14.821	ug/l	96
5) Bromomethane	2.744	94	34212	15.342	ug/l	94
6) Chloroethane	2.903	64	35057	16.448	ug/l	93
7) Trichlorofluoromethane	3.262	101	121190	17.846	ug/l	99
8) Diethyl Ether	3.703	74	33341	16.521	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.091	101	81909	18.086	ug/l	94
10) Methyl Iodide	4.303	142	54176	15.607	ug/l	98
11) Tert butyl alcohol	5.226	59	26179	103.952	ug/l	99
12) 1,1-Dichloroethene	4.068	96	56899	16.070	ug/l	93
13) Acrolein	3.921	56	16692	149.361	ug/l	99
14) Allyl chloride	4.709	41	92422	15.656	ug/l #	91
15) Acrylonitrile	5.420	53	92742	91.893	ug/l	93
16) Acetone	4.156	43	80110	90.090	ug/l #	89
17) Carbon Disulfide	4.409	76	76599	12.890	ug/l	100
18) Methyl Acetate	4.709	43	55149	22.014	ug/l #	89
19) Methyl tert-butyl Ether	5.468	73	187838	18.175	ug/l	97
20) Methylene Chloride	4.950	84	87489	16.527	ug/l #	82
21) trans-1,2-Dichloroethene	5.468	96	62885	15.085	ug/l	87
22) Diisopropyl ether	6.362	45	251031	17.646	ug/l #	92
23) Vinyl Acetate	6.303	43	585383m	80.870	ug/l	
24) 1,1-Dichloroethane	6.262	63	152467	17.786	ug/l	98
25) 2-Butanone	7.209	43	112669	91.614	ug/l #	85
26) 2,2-Dichloropropane	7.209	77	138593	18.202	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	90797	16.889	ug/l	89
28) Bromochloromethane	7.538	49	74851	20.378	ug/l #	77
29) Tetrahydrofuran	7.567	42	64759	87.218	ug/l	88
30) Chloroform	7.709	83	174739	18.121	ug/l	99
31) Cyclohexane	7.979	56	93570	15.006	ug/l #	85
32) 1,1,1-Trichloroethane	7.897	97	153099	18.719	ug/l	94
36) 1,1-Dichloropropene	8.109	75	97690	16.138	ug/l	94
37) Ethyl Acetate	7.291	43	45143	17.118	ug/l #	94
38) Carbon Tetrachloride	8.091	117	125577	18.315	ug/l	99
39) Methylcyclohexane	9.350	83	98991	15.472	ug/l	99
40) Benzene	8.344	78	301666	17.356	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072498.D
 Acq On : 01 Apr 2022 13:03
 Operator : VA/SY
 Sample : VD0401SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/04/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 02 02:36:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	28710	19.669	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	101075	19.025	ug/l	97
43) Isopropyl Acetate	8.444	43	92932	18.371	ug/l #	90
44) Trichloroethene	9.108	130	86411	17.511	ug/l	97
45) 1,2-Dichloropropane	9.379	63	88075	18.216	ug/l	95
46) Dibromomethane	9.467	93	46956	18.510	ug/l	96
47) Bromodichloromethane	9.656	83	137610	18.882	ug/l	98
48) Methyl methacrylate	9.450	41	45293	18.442	ug/l	89
49) 1,4-Dioxane	9.461	88	10871	360.254	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	260956	96.141	ug/l	92
52) Toluene	10.397	92	207360	17.958	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	117591	18.516	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	138646	18.465	ug/l #	85
55) 1,1,2-Trichloroethane	10.797	97	76455	19.880	ug/l	98
56) Ethyl methacrylate	10.655	69	82469	18.216	ug/l #	81
57) 1,3-Dichloropropane	10.938	76	120426	18.941	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	216999	114.289	ug/l	93
59) 2-Hexanone	10.979	43	178910	96.929	ug/l	91
60) Dibromochloromethane	11.132	129	100129	20.184	ug/l	99
61) 1,2-Dibromoethane	11.238	107	64901	19.007	ug/l	98
64) Tetrachloroethene	10.867	164	68169	17.410	ug/l	90
65) Chlorobenzene	11.661	112	246001	18.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	105961	19.781	ug/l	98
67) Ethyl Benzene	11.738	91	412775	17.656	ug/l	97
68) m/p-Xylenes	11.844	106	320633	36.150	ug/l	100
69) o-Xylene	12.173	106	155640	18.187	ug/l	98
70) Styrene	12.185	104	285023	18.898	ug/l	97
71) Bromoform	12.349	173	58079	20.452	ug/l #	98
73) Isopropylbenzene	12.473	105	450009	17.455	ug/l	100
74) N-amyl acetate	12.279	43	95448	17.645	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	94428	19.337	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	70489m	20.246	ug/l	
77) Bromobenzene	12.749	156	106493	18.429	ug/l	89
78) n-propylbenzene	12.808	91	552561	17.766	ug/l	98
79) 2-Chlorotoluene	12.897	91	325970	17.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	395002	17.890	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	25446	17.934	ug/l	92
82) 4-Chlorotoluene	12.991	91	340655	17.983	ug/l	98
83) tert-Butylbenzene	13.214	119	353077	18.471	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	398721	18.467	ug/l	100
85) sec-Butylbenzene	13.391	105	533768	18.538	ug/l	99
86) p-Isopropyltoluene	13.502	119	435147	18.490	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	226976	18.956	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	225371	18.675	ug/l	98
89) n-Butylbenzene	13.832	91	411657	18.362	ug/l	99
90) Hexachloroethane	14.096	117	91018	18.892	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	201454	19.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	13877	19.215	ug/l	82
93) 1,2,4-Trichlorobenzene	15.149	180	124910	19.081	ug/l	97
94) Hexachlorobutadiene	15.255	225	73345	20.003	ug/l	97
95) Naphthalene	15.385	128	226862	17.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	112491	19.689	ug/l	99

04/04/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
Data File : VD072498.D
Acq On : 01 Apr 2022 13:03
Operator : VA/SY
Sample : VD0401SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 02:36:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD01

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/04/2022
Supervised By :Mahesh
Dadoda

04/04/2022

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

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

