

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069852.D
 Acq On : 26 Jul 2021 17:19
 Operator : VA/SY
 Sample : M2940-02 5PPBLOQ
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 12:14:29 PM

Quant Time: Jul 27 08:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 27 08:17:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	699236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1287526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1236228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	562722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	382902	47.614	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.220%		
35) Dibromofluoromethane	7.914	113	374992	46.201	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.400%		
50) Toluene-d8	10.338	98	1431535	45.740	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.480%		
62) 4-Bromofluorobenzene	12.626	95	498696	47.679	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	34563	4.696	ug/l	98
3) Chloromethane	2.209	50	48658	4.558	ug/l	96
4) Vinyl Chloride	2.344	62	53518	4.766	ug/l	99
5) Bromomethane	2.762	94	43622	5.931	ug/l	91
6) Chloroethane	2.921	64	34611	4.755	ug/l	95
7) Trichlorofluoromethane	3.273	101	70429	5.081	ug/l	99
8) Diethyl Ether	3.709	74	19968	5.121	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	43997	4.997	ug/l	100
10) Methyl Iodide	4.297	142	30938	4.022	ug/l	99
11) Tert butyl alcohol	5.220	59	12699	30.518	ug/l #	73
12) 1,1-Dichloroethene	4.068	96	39847	4.981	ug/l	91
13) Acrolein	3.926	56	12284	21.088	ug/l	95
14) Allyl chloride	4.709	41	51771	4.414	ug/l	94
15) Acrylonitrile	5.420	53	43331	23.623	ug/l	100
16) Acetone	4.162	43	35680	24.561	ug/l #	77
17) Carbon Disulfide	4.403	76	131713	4.604	ug/l	96
18) Methyl Acetate	4.720	43	25574	6.067	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	78001	4.706	ug/l	93
20) Methylene Chloride	4.962	84	94815	7.166	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	44249	4.694	ug/l	95
22) Diisopropyl ether	6.362	45	109560	4.298	ug/l #	90
23) Vinyl Acetate	6.309	43	225440	18.464	ug/l #	90
24) 1,1-Dichloroethane	6.262	63	88330	5.017	ug/l	95
25) 2-Butanone	7.214	43	44792	22.736	ug/l	97
26) 2,2-Dichloropropane	7.203	77	67572	5.048	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	49920	4.963	ug/l	95
28) Bromochloromethane	7.544	49	32420	4.850	ug/l	100
29) Tetrahydrofuran	7.561	42	27773	21.790	ug/l	95
30) Chloroform	7.709	83	91127	5.148	ug/l	97
31) Cyclohexane	7.979	56	83354	5.305	ug/l #	72
32) 1,1,1-Trichloroethane	7.903	97	74560	5.089	ug/l	98
36) 1,1-Dichloropropene	8.109	75	65398	4.707	ug/l	98
37) Ethyl Acetate	7.285	43	21525	4.255	ug/l #	93
38) Carbon Tetrachloride	8.091	117	58690	4.624	ug/l	97
39) Methylcyclohexane	9.356	83	78037	4.904	ug/l	97
40) Benzene	8.344	78	193030	4.795	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069852.D
 Acq On : 26 Jul 2021 17:19
 Operator : VA/SY
 Sample : M2940-02 5PPBLOQ
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 12:14:29 PM

Quant Time: Jul 27 08:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 27 08:17:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	14207m	5.352	ug/l	
42) 1,2-Dichloroethane	8.420	62	52971	4.976	ug/l	96
43) Isopropyl Acetate	8.450	43	43907	4.840	ug/l	99
44) Trichloroethene	9.114	130	50527	5.097	ug/l	82
45) 1,2-Dichloropropane	9.385	63	49998	4.729	ug/l	97
46) Dibromomethane	9.473	93	25349	4.877	ug/l	98
47) Bromodichloromethane	9.656	83	67033	4.964	ug/l	96
48) Methyl methacrylate	9.456	41	18557	4.252	ug/l	97
49) 1,4-Dioxane	9.461	88	5389	98.141	ug/l #	81
51) 4-Methyl-2-Pentanone	10.226	43	102373	21.685	ug/l	98
52) Toluene	10.403	92	120319	4.927	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	56656	4.999	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	65960	4.807	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	39912	5.437	ug/l	93
56) Ethyl methacrylate	10.655	69	38266	4.761	ug/l	97
57) 1,3-Dichloropropane	10.944	76	60389	4.862	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	75539	21.940	ug/l	98
59) 2-Hexanone	10.979	43	71950	23.042	ug/l	89
60) Dibromochloromethane	11.132	129	40951	4.926	ug/l	98
61) 1,2-Dibromoethane	11.244	107	34331	5.194	ug/l	99
64) Tetrachloroethene	10.873	164	39604	5.026	ug/l	93
65) Chlorobenzene	11.661	112	126229	4.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	46135	5.007	ug/l	98
67) Ethyl Benzene	11.738	91	204785	4.542	ug/l	96
68) m/p-Xylenes	11.850	106	155121	8.874	ug/l	99
69) o-Xylene	12.173	106	72240	4.546	ug/l	96
70) Styrene	12.185	104	115475	4.193	ug/l	97
71) Bromoform	12.355	173	21891	4.892	ug/l #	99
73) Isopropylbenzene	12.473	105	186124	4.603	ug/l	99
74) N-amyl acetate	12.279	43	40595	4.881	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	41783	5.175	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	27659m	4.624	ug/l	
77) Bromobenzene	12.755	156	46559	5.113	ug/l	93
78) n-propylbenzene	12.814	91	243892	4.697	ug/l	99
79) 2-Chlorotoluene	12.902	91	142581	4.727	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	155359	4.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	8933	4.531	ug/l	88
82) 4-Chlorotoluene	12.996	91	149360	4.736	ug/l	98
83) tert-Butylbenzene	13.214	119	127661	4.540	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	147948	4.336	ug/l	100
85) sec-Butylbenzene	13.391	105	202458	4.554	ug/l	99
86) p-Isopropyltoluene	13.508	119	156097	4.322	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	96687	5.057	ug/l	96
88) 1,4-Dichlorobenzene	13.591	146	96573	5.068	ug/l	95
89) n-Butylbenzene	13.832	91	156171	4.382	ug/l	99
90) Hexachloroethane	14.102	117	36209	4.733	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	80526	4.880	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.496	75	6851	5.892	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	44981	5.052	ug/l	97
94) Hexachlorobutadiene	15.249	225	27846	5.113	ug/l	97
95) Naphthalene	15.390	128	75899	4.776	ug/l	98
96) 1,2,3-Trichlorobenzene	15.585	180	39617	5.145	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
Data File : VD069852.D
Acq On : 26 Jul 2021 17:19
Operator : VA/SY
Sample : M2940-02 5PPBLOQ
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/27/2021 12:14:29 PM

Quant Time: Jul 27 08:19:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 27 08:17:07 2021
Response via : Initial Calibration

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

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

