

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071697.D
 Acq On : 12 Jan 2022 20:18
 Operator : VA/SY
 Sample : N1106-10MSD
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SO-0022C-02-6MSD

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/13/2022
 Supervised By :Mahesh Dadoda 01/13/2022

Quant Time: Jan 13 05:31:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	55614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	107581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	109248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	51016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	79321	110.846	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 221.700%#			
35) Dibromofluoromethane	7.914	113	47515	66.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 133.660%			
50) Toluene-d8	10.332	98	153926	57.836	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.680%			
62) 4-Bromofluorobenzene	12.626	95	54949	58.593	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	17001	40.232	ug/l	99
3) Chloromethane	2.209	50	33040	60.003	ug/l	90
4) Vinyl Chloride	2.344	62	32536	47.053	ug/l	95
5) Bromomethane	2.767	94	31405	68.241	ug/l	89
6) Chloroethane	2.926	64	26629	54.039	ug/l	98
7) Trichlorofluoromethane	3.273	101	43525	44.402	ug/l	97
8) Diethyl Ether	3.703	74	24682	95.736	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	24645	43.015	ug/l	97
10) Methyl Iodide	4.291	142	21201	38.702	ug/l	96
11) Tert butyl alcohol	5.226	59	37771	1010.606	ug/l #	93
12) 1,1-Dichloroethene	4.073	96	21232	42.705	ug/l	93
13) Acrolein	3.920	56	51201	733.074	ug/l	95
14) Allyl chloride	4.714	41	60914m	61.790	ug/l	
15) Acrylonitrile	5.420	53	144085	1057.528	ug/l	98
16) Acetone	4.156	43	177960	1077.156	ug/l	99
17) Carbon Disulfide	4.409	76	47427	38.118	ug/l	100
18) Methyl Acetate	4.720	43	119741	254.110	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	145481	110.852	ug/l	99
20) Methylene Chloride	4.967	84	41983	69.765	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	26533	46.732	ug/l	97
22) Diisopropyl ether	6.356	45	163304	76.930	ug/l	91
23) Vinyl Acetate	6.303	43	448105	452.342	ug/l	98
24) 1,1-Dichloroethane	6.261	63	71036	58.626	ug/l	97
25) 2-Butanone	7.208	43	211212	1082.033	ug/l	98
26) 2,2-Dichloropropane	7.208	77	48842	48.003	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	38966	58.146	ug/l	97
28) Bromochloromethane	7.544	49	50290	85.200	ug/l	97
29) Tetrahydrofuran	7.561	42	129253	1151.029	ug/l	97
30) Chloroform	7.708	83	76711	61.912	ug/l	92
31) Cyclohexane	7.979	56	35756	36.186	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	54578	49.977	ug/l	96
36) 1,1-Dichloropropene	8.114	75	37110	36.591	ug/l	97
37) Ethyl Acetate	7.291	43	76989	163.563	ug/l	96
38) Carbon Tetrachloride	8.097	117	42966	41.834	ug/l #	94
39) Methylcyclohexane	9.349	83	26949	24.601	ug/l	96
40) Benzene	8.344	78	133783	47.876	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	44709	151.708	ug/l	96
42) 1,2-Dichloroethane	8.420	62	76777	81.169	ug/l	99
43) Isopropyl Acetate	8.450	43	125331	141.450	ug/l	95
44) Trichloroethene	9.114	130	28939	40.242	ug/l	92
45) 1,2-Dichloropropane	9.385	63	44922	59.469	ug/l	97
46) Dibromomethane	9.467	93	34086	88.160	ug/l	95
47) Bromodichloromethane	9.655	83	69103	65.099	ug/l	96
48) Methyl methacrylate	9.455	41	61754	137.920	ug/l	99
49) 1,4-Dioxane	9.461	88	17434	4497.614	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	428642	915.858	ug/l	98
52) Toluene	10.396	92	83684	47.577	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	66644	71.570	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	71252	64.896	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	48696	96.073	ug/l	95
56) Ethyl methacrylate	10.655	69	64981	104.591	ug/l	95
57) 1,3-Dichloropropane	10.938	76	83730	89.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	225651	657.917	ug/l	98
59) 2-Hexanone	10.979	43	311201	952.007	ug/l	97
60) Dibromochloromethane	11.132	129	54236	84.064	ug/l	100
61) 1,2-Dibromoethane	11.238	107	47591	98.139	ug/l	99
64) Tetrachloroethene	10.873	164	24728	38.533	ug/l	85
65) Chlorobenzene	11.661	112	92396	44.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	44321	55.913	ug/l	96
67) Ethyl Benzene	11.738	91	142174	37.044	ug/l	100
68) m/p-Xylenes	11.843	106	110771	77.602	ug/l	98
69) o-Xylene	12.173	106	57904	42.858	ug/l	94
70) Styrene	12.191	104	102873	44.423	ug/l	98
71) Bromoform	12.349	173	39347	101.657	ug/l #	96
73) Isopropylbenzene	12.473	105	124543	33.971	ug/l	98
74) N-amyl acetate	12.279	43	87512	97.311	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	77226	118.873	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	51915m	105.314	ug/l	
77) Bromobenzene	12.755	156	39535	49.923	ug/l	77
78) n-propylbenzene	12.814	91	154906	33.596	ug/l	99
79) 2-Chlorotoluene	12.896	91	100848	38.807	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	111994	36.561	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	21626	122.304	ug/l	97
82) 4-Chlorotoluene	12.996	91	108790	40.351	ug/l	98
83) tert-Butylbenzene	13.208	119	88490	33.807	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	118029	38.963	ug/l	97
85) sec-Butylbenzene	13.390	105	117030	29.191	ug/l	99
86) p-Isopropyltoluene	13.508	119	102254	31.066	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	69839	42.733	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	71796	43.061	ug/l	99
89) n-Butylbenzene	13.832	91	85186	25.842	ug/l	98
90) Hexachloroethane	14.102	117	23381	35.903	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	72798	51.974	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14446	138.351	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	34819	43.136	ug/l	99
94) Hexachlorobutadiene	15.255	225	10896	23.026	ug/l	96
95) Naphthalene	15.384	128	123689	86.546	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	35795	52.041	ug/l	98

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

