

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
 Data File : VD071052.D
 Acq On : 19 Nov 2021 12:54
 Operator : VA/SY
 Sample : VD1119SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/22/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 22 02:52:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	203932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	343895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	311528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	147545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	112731	51.919	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.840%			
35) Dibromofluoromethane	7.914	113	101063	52.080	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.160%			
50) Toluene-d8	10.338	98	375654	49.431	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.860%			
62) 4-Bromofluorobenzene	12.626	95	133633	48.837	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	37729	21.654	ug/l	100
3) Chloromethane	2.209	50	48591	23.437	ug/l	98
4) Vinyl Chloride	2.350	62	52260	26.209	ug/l	100
5) Bromomethane	2.756	94	35888	26.406	ug/l	99
6) Chloroethane	2.915	64	35334	27.591	ug/l	89
7) Trichlorofluoromethane	3.273	101	67179	20.935	ug/l	94
8) Diethyl Ether	3.715	74	18151	17.091	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	39249	19.842	ug/l	94
10) Methyl Iodide	4.303	142	32954	18.276	ug/l	94
11) Tert butyl alcohol	5.197	59	26035	164.069	ug/l #	76
12) 1,1-Dichloroethene	4.073	96	35330	18.244	ug/l	89
13) Acrolein	3.915	56	4025	79.331	ug/l	96
14) Allyl chloride	4.715	41	61853	15.335	ug/l #	78
15) Acrylonitrile	5.414	53	43949	86.482	ug/l	95
16) Acetone	4.156	43	45186	90.755	ug/l	89
17) Carbon Disulfide	4.409	76	107364	17.170	ug/l	96
18) Methyl Acetate	4.720	43	37477	20.119	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	88054	17.614	ug/l	92
20) Methylene Chloride	4.967	84	59283	23.792	ug/l #	87
21) trans-1,2-Dichloroethene	5.473	96	40039	18.039	ug/l	90
22) Diisopropyl ether	6.367	45	134968	16.831	ug/l	96
23) Vinyl Acetate	6.303	43	312321	87.829	ug/l	96
24) 1,1-Dichloroethane	6.261	63	77609	18.120	ug/l	97
25) 2-Butanone	7.208	43	61021	94.335	ug/l #	86
26) 2,2-Dichloropropane	7.214	77	66597	18.424	ug/l	94
27) cis-1,2-Dichloroethene	7.208	96	43941	17.318	ug/l	91
28) Bromochloromethane	7.544	49	37945	20.888	ug/l	90
29) Tetrahydrofuran	7.561	42	37737	85.539	ug/l	93
30) Chloroform	7.703	83	75986	18.660	ug/l	96
31) Cyclohexane	7.985	56	75821	16.980	ug/l #	90
32) 1,1,1-Trichloroethane	7.908	97	66258	18.945	ug/l	93
36) 1,1-Dichloropropene	8.108	75	58885	19.178	ug/l	97
37) Ethyl Acetate	7.297	43	27170	19.395	ug/l #	89
38) Carbon Tetrachloride	8.097	117	57380	20.293	ug/l	89
39) Methylcyclohexane	9.355	83	69631	17.559	ug/l	98
40) Benzene	8.350	78	159956	18.498	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	14271	16.447	ug/l	88
42) 1,2-Dichloroethane	8.426	62	49064	20.032	ug/l	96
43) Isopropyl Acetate	8.444	43	52606	17.744	ug/l #	88
44) Trichloroethene	9.114	130	42371	19.010	ug/l	99
45) 1,2-Dichloropropane	9.385	63	42928	18.357	ug/l	99
46) Dibromomethane	9.467	93	21858	19.637	ug/l	96
47) Bromodichloromethane	9.655	83	57546	19.546	ug/l	100
48) Methyl methacrylate	9.455	41	27597	18.975	ug/l #	81
49) 1,4-Dioxane	9.461	88	4366	338.535	ug/l #	84
51) 4-Methyl-2-Pentanone	10.220	43	132026	91.855	ug/l	91
52) Toluene	10.397	92	98398	18.052	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	52118	17.554	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	63613	18.170	ug/l #	82
55) 1,1,2-Trichloroethane	10.797	97	29004	18.959	ug/l	95
56) Ethyl methacrylate	10.655	69	36295	16.768	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	50804	18.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	115807	102.913	ug/l	99
59) 2-Hexanone	10.979	43	90874	91.632	ug/l	90
60) Dibromochloromethane	11.132	129	34538	18.819	ug/l	100
61) 1,2-Dibromoethane	11.244	107	28072	18.864	ug/l	98
64) Tetrachloroethene	10.873	164	35039	19.288	ug/l	94
65) Chlorobenzene	11.667	112	103359	18.595	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	38031	19.277	ug/l	96
67) Ethyl Benzene	11.738	91	191450	18.188	ug/l	100
68) m/p-Xylenes	11.844	106	144580	36.750	ug/l	96
69) o-Xylene	12.173	106	66944	17.889	ug/l	95
70) Styrene	12.185	104	112916	17.821	ug/l	94
71) Bromoform	12.349	173	19757	19.204	ug/l #	99
73) Isopropylbenzene	12.473	105	178868	16.828	ug/l	100
74) N-amyl acetate	12.279	43	46774	15.403	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	32310	17.660	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	18620m	14.774	ug/l	
77) Bromobenzene	12.755	156	39663	17.464	ug/l	95
78) n-propylbenzene	12.814	91	227811	17.297	ug/l	99
79) 2-Chlorotoluene	12.896	91	128493	17.110	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	151157	17.272	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	8797	15.898	ug/l #	73
82) 4-Chlorotoluene	12.996	91	135649	17.502	ug/l	98
83) tert-Butylbenzene	13.214	119	128401	17.032	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	147402	17.198	ug/l	98
85) sec-Butylbenzene	13.391	105	198168	17.484	ug/l	99
86) p-Isopropyltoluene	13.502	119	157848	17.344	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	81787	18.418	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	80835	18.181	ug/l	99
89) n-Butylbenzene	13.832	91	158710	17.352	ug/l	98
90) Hexachloroethane	14.102	117	30078	16.701	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	70172	18.237	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	4687	15.620	ug/l	89
93) 1,2,4-Trichlorobenzene	15.149	180	43157	17.531	ug/l	98
94) Hexachlorobutadiene	15.249	225	24484	19.721	ug/l	98
95) Naphthalene	15.385	128	79339	16.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	36699	17.730	ug/l	96

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

