

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071290.D
 Acq On : 13 Dec 2021 11:53
 Operator : VA/SY
 Sample : VD1213SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/14/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 14 08:12:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	222477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	376971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	347992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	170411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139020	53.254	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.500%			
35) Dibromofluoromethane	7.914	113	126958	52.888	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.780%			
50) Toluene-d8	10.338	98	445962	48.818	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.640%			
62) 4-Bromofluorobenzene	12.626	95	165557	52.282	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	37405	19.716	ug/l	92
3) Chloromethane	2.215	50	53658	21.378	ug/l	99
4) Vinyl Chloride	2.356	62	61990	22.137	ug/l	95
5) Bromomethane	2.767	94	45512	22.546	ug/l	93
6) Chloroethane	2.926	64	43845	22.765	ug/l	92
7) Trichlorofluoromethane	3.279	101	74180	19.555	ug/l	96
8) Diethyl Ether	3.714	74	20138	19.582	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.103	101	42928	19.181	ug/l	96
10) Methyl Iodide	4.309	142	34879	16.744	ug/l	95
11) Tert butyl alcohol	5.191	59	32767	175.864	ug/l #	77
12) 1,1-Dichloroethene	4.079	96	37798	18.301	ug/l	91
13) Acrolein	3.926	56	17293	96.937	ug/l	92
14) Allyl chloride	4.720	41	70997	18.098	ug/l #	80
15) Acrylonitrile	5.426	53	52389	104.749	ug/l	97
16) Acetone	4.156	43	52712	97.472	ug/l #	83
17) Carbon Disulfide	4.409	76	109152	18.051	ug/l	97
18) Methyl Acetate	4.720	43	42194	21.907	ug/l	94
19) Methyl tert-butyl Ether	5.485	73	100409	19.837	ug/l	97
20) Methylene Chloride	4.961	84	55606	18.476	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	42767	18.395	ug/l	97
22) Diisopropyl ether	6.367	45	158048	20.108	ug/l	92
23) Vinyl Acetate	6.308	43	349226	100.436	ug/l	99
24) 1,1-Dichloroethane	6.267	63	90118	19.934	ug/l	97
25) 2-Butanone	7.208	43	68491	104.204	ug/l #	81
26) 2,2-Dichloropropane	7.208	77	70249	17.089	ug/l	95
27) cis-1,2-Dichloroethene	7.214	96	48745	18.533	ug/l	87
28) Bromochloromethane	7.544	49	42945	21.871	ug/l	92
29) Tetrahydrofuran	7.561	42	43416	104.737	ug/l	93
30) Chloroform	7.708	83	91358	20.136	ug/l	100
31) Cyclohexane	7.985	56	77510	17.455	ug/l #	96
32) 1,1,1-Trichloroethane	7.902	97	79022	19.399	ug/l	95
36) 1,1-Dichloropropene	8.108	75	65542	18.603	ug/l	97
37) Ethyl Acetate	7.291	43	31803	20.897	ug/l	97
38) Carbon Tetrachloride	8.097	117	65548	18.873	ug/l #	96
39) Methylcyclohexane	9.355	83	71865	16.958	ug/l	98
40) Benzene	8.350	78	188012	19.645	ug/l	99

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41) Methacrylonitrile	7.561	41	45745	59.852	ug/l #	23
42) 1,2-Dichloroethane	8.420	62	59589	20.398	ug/l	95
43) Isopropyl Acetate	8.450	43	60190	21.319	ug/l #	88
44) Trichloroethene	9.108	130	46818	18.348	ug/l	97
45) 1,2-Dichloropropane	9.385	63	50671	20.133	ug/l	100
46) Dibromomethane	9.467	93	24925	19.089	ug/l	94
47) Bromodichloromethane	9.661	83	70475	20.408	ug/l	99
48) Methyl methacrylate	9.455	41	30033	20.160	ug/l #	77
49) 1,4-Dioxane	9.461	88	5474	434.286	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	154962	109.876	ug/l	89
52) Toluene	10.402	92	115176	18.968	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	59535	18.752	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	71359	18.922	ug/l #	71
55) 1,1,2-Trichloroethane	10.796	97	34788	20.309	ug/l	93
56) Ethyl methacrylate	10.655	69	41352	20.737	ug/l #	70
57) 1,3-Dichloropropane	10.944	76	61899	20.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	136823	117.380	ug/l	99
59) 2-Hexanone	10.979	43	104689	104.335	ug/l	86
60) Dibromochloromethane	11.138	129	42546	19.984	ug/l	98
61) 1,2-Dibromoethane	11.243	107	33407	20.306	ug/l	98
64) Tetrachloroethene	10.873	164	38239	17.309	ug/l	92
65) Chlorobenzene	11.661	112	123953	19.197	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.738	131	45455	19.281	ug/l	98
67) Ethyl Benzene	11.738	91	216868	17.842	ug/l	99
68) m/p-Xylenes	11.843	106	167322	36.462	ug/l	97
69) o-Xylene	12.173	106	76683	17.779	ug/l	93
70) Styrene	12.185	104	136314	18.753	ug/l	98
71) Bromoform	12.349	173	24765	20.277	ug/l #	96
73) Isopropylbenzene	12.473	105	209002	16.938	ug/l	99
74) N-amyl acetate	12.279	43	51019	19.081	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	39612	19.494	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	26662m	16.422	ug/l	
77) Bromobenzene	12.755	156	46895	17.546	ug/l	97
78) n-propylbenzene	12.814	91	267301	17.395	ug/l	98
79) 2-Chlorotoluene	12.896	91	150488	17.449	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	172136	16.917	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	10376	18.995	ug/l #	72
82) 4-Chlorotoluene	12.996	91	156103	17.435	ug/l	98
83) tert-Butylbenzene	13.214	119	147196	16.845	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	171056	17.219	ug/l	98
85) sec-Butylbenzene	13.390	105	229615	17.204	ug/l	99
86) p-Isopropyltoluene	13.508	119	185184	16.964	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	96559	18.149	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	92870	17.619	ug/l	94
89) n-Butylbenzene	13.832	91	181060	16.991	ug/l	99
90) Hexachloroethane	14.096	117	36459	17.619	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	83534	18.463	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	6506	19.661	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	50292	17.820	ug/l	95
94) Hexachlorobutadiene	15.249	225	26211	16.415	ug/l	98
95) Naphthalene	15.379	128	86275	17.341	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	43507	18.150	ug/l	98

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

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