

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071335.D
 Acq On : 15 Dec 2021 11:44
 Operator : VA/SY
 Sample : VD1215SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1215SBS01

Quant Time: Dec 16 04:24:44 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2021
 Supervised By :Mahesh Dadoda 12/21/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	267720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	457362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	419737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	211116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	160125	50.973	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.940%			
35) Dibromofluoromethane	7.914	113	149263	51.250	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.500%			
50) Toluene-d8	10.338	98	532499	48.045	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.100%			
62) 4-Bromofluorobenzene	12.626	95	193868	50.462	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	44242	19.379	ug/l	94
3) Chloromethane	2.209	50	62722	20.766	ug/l	94
4) Vinyl Chloride	2.350	62	75506	22.407	ug/l	98
5) Bromomethane	2.762	94	53811	22.152	ug/l	93
6) Chloroethane	2.921	64	50633	21.847	ug/l	91
7) Trichlorofluoromethane	3.273	101	92756	20.320	ug/l	99
8) Diethyl Ether	3.709	74	22172	17.916	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.097	101	53196	19.752	ug/l	93
10) Methyl Iodide	4.297	142	40549	16.331	ug/l	96
11) Tert butyl alcohol	5.185	59	32729	126.834	ug/l #	71
12) 1,1-Dichloroethene	4.073	96	44459	17.888	ug/l	90
13) Acrolein	3.932	56	16899	78.720	ug/l	95
14) Allyl chloride	4.715	41	84761	17.955	ug/l #	81
15) Acrylonitrile	5.426	53	59711	99.213	ug/l	97
16) Acetone	4.162	43	62625	96.624	ug/l	90
17) Carbon Disulfide	4.415	76	122610	16.850	ug/l	99
18) Methyl Acetate	4.720	43	47623	20.547	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	112749	18.511	ug/l	97
20) Methylene Chloride	4.962	84	71275	19.977	ug/l	87
21) trans-1,2-Dichloroethene	5.479	96	51985	18.581	ug/l #	82
22) Diisopropyl ether	6.362	45	178324	18.854	ug/l	97
23) Vinyl Acetate	6.309	43	392603	95.620	ug/l	95
24) 1,1-Dichloroethane	6.262	63	104406	19.192	ug/l	96
25) 2-Butanone	7.209	43	82440	104.223	ug/l #	83
26) 2,2-Dichloropropane	7.203	77	84615	17.105	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	58641	18.527	ug/l	91
28) Bromochloromethane	7.544	49	53003	22.432	ug/l	89
29) Tetrahydrofuran	7.561	42	50728	101.696	ug/l	92
30) Chloroform	7.709	83	109183	19.998	ug/l	94
31) Cyclohexane	7.979	56	94598	17.703	ug/l #	94
32) 1,1,1-Trichloroethane	7.903	97	94001	19.177	ug/l #	92
36) 1,1-Dichloropropene	8.114	75	81472	19.059	ug/l	96
37) Ethyl Acetate	7.291	43	33954	18.388	ug/l	97
38) Carbon Tetrachloride	8.091	117	81735	19.397	ug/l	92
39) Methylcyclohexane	9.355	83	87610	17.040	ug/l	97
40) Benzene	8.350	78	216109	18.612	ug/l	96

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41) Methacrylonitrile	7.520	41	22151	26.945	ug/l #	73
42) 1,2-Dichloroethane	8.420	62	69205	19.526	ug/l	94
43) Isopropyl Acetate	8.450	43	69136	20.462	ug/l #	89
44) Trichloroethene	9.114	130	57187	18.472	ug/l	99
45) 1,2-Dichloropropane	9.379	63	57844	18.943	ug/l	99
46) Dibromomethane	9.473	93	29360	18.533	ug/l	94
47) Bromodichloromethane	9.661	83	78699	18.784	ug/l	97
48) Methyl methacrylate	9.456	41	35636	19.716	ug/l #	81
49) 1,4-Dioxane	9.461	88	6058	396.139	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	178329	105.797	ug/l	90
52) Toluene	10.397	92	136391	18.513	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	68773	17.854	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	82398	18.008	ug/l #	75
55) 1,1,2-Trichloroethane	10.791	97	41913	20.167	ug/l	95
56) Ethyl methacrylate	10.655	69	46508	19.659	ug/l #	72
57) 1,3-Dichloropropane	10.938	76	71547	19.597	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	160107	113.212	ug/l	100
59) 2-Hexanone	10.979	43	123690	102.509	ug/l	86
60) Dibromochloromethane	11.138	129	50487	19.546	ug/l	99
61) 1,2-Dibromoethane	11.244	107	37166	18.620	ug/l	99
64) Tetrachloroethene	10.873	164	45220	16.970	ug/l #	89
65) Chlorobenzene	11.661	112	140682	18.064	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	54177	19.053	ug/l	97
67) Ethyl Benzene	11.738	91	259147	17.676	ug/l	98
68) m/p-Xylenes	11.844	106	197275	35.641	ug/l	96
69) o-Xylene	12.173	106	89957	17.292	ug/l	97
70) Styrene	12.191	104	153191	17.472	ug/l	97
71) Bromoform	12.349	173	28278	19.196	ug/l #	97
73) Isopropylbenzene	12.467	105	247578	16.196	ug/l	98
74) N-amyl acetate	12.279	43	59472	18.291	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	46772	18.580	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	41569m	20.666	ug/l	
77) Bromobenzene	12.749	156	55645	16.806	ug/l	98
78) n-propylbenzene	12.808	91	321080	16.866	ug/l	98
79) 2-Chlorotoluene	12.897	91	178395	16.697	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	206499	16.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	12086	18.204	ug/l #	75
82) 4-Chlorotoluene	12.996	91	184295	16.615	ug/l	99
83) tert-Butylbenzene	13.214	119	176952	16.346	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	206971	16.817	ug/l	96
85) sec-Butylbenzene	13.391	105	275443	16.659	ug/l	99
86) p-Isopropyltoluene	13.502	119	220796	16.327	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	115559	17.533	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	114946	17.602	ug/l	98
89) n-Butylbenzene	13.832	91	221740	16.797	ug/l	97
90) Hexachloroethane	14.102	117	45782	17.858	ug/l	90
91) 1,2-Dichlorobenzene	13.879	146	97956	17.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	7296	17.797	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	56392	16.129	ug/l	99
94) Hexachlorobutadiene	15.249	225	32062	16.207	ug/l	96
95) Naphthalene	15.385	128	99917	16.211	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	50302	16.939	ug/l	99

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

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