

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071480.D
 Acq On : 27 Dec 2021 12:07
 Operator : VA/SY
 Sample : VD1227SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Quant Time: Dec 27 16:47:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/28/2021
 Supervised By :Mahesh Dadoda 12/28/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	373385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	618414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	575257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	267392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	238357	48.067	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.140%		
35) Dibromofluoromethane	7.914	113	229631	55.250	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.500%		
50) Toluene-d8	10.332	98	856579	54.537	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	109.080%		
62) 4-Bromofluorobenzene	12.626	95	298477	53.478	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	79841	20.407	ug/l	94
3) Chloromethane	2.214	50	94222	18.808	ug/l	96
4) Vinyl Chloride	2.356	62	106463	17.733	ug/l	100
5) Bromomethane	2.767	94	84329	20.079	ug/l	92
6) Chloroethane	2.926	64	72907	18.299	ug/l	93
7) Trichlorofluoromethane	3.279	101	159332	21.679	ug/l	95
8) Diethyl Ether	3.709	74	39079	18.573	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	91109	21.308	ug/l	97
10) Methyl Iodide	4.308	142	81803	19.673	ug/l	95
11) Tert butyl alcohol	5.197	59	35271	63.554	ug/l #	85
12) 1,1-Dichloroethene	4.073	96	81022	20.828	ug/l #	80
13) Acrolein	3.926	56	21760	90.838	ug/l	98
14) Allyl chloride	4.720	41	150866	20.504	ug/l #	77
15) Acrylonitrile	5.420	53	91311	88.123	ug/l	95
16) Acetone	4.161	43	99373	79.782	ug/l #	84
17) Carbon Disulfide	4.420	76	232930	18.377	ug/l	100
18) Methyl Acetate	4.720	43	64572	16.796	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	189382	18.859	ug/l	97
20) Methylene Chloride	4.973	84	112808	19.867	ug/l	92
21) trans-1,2-Dichloroethene	5.479	96	95022	21.089	ug/l	92
22) Diisopropyl ether	6.361	45	305160	20.373	ug/l	91
23) Vinyl Acetate	6.308	43	704573	91.246	ug/l #	94
24) 1,1-Dichloroethane	6.267	63	177943	20.722	ug/l	97
25) 2-Butanone	7.208	43	122380	82.257	ug/l	89
26) 2,2-Dichloropropane	7.208	77	152468	21.609	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	103415	20.751	ug/l	90
28) Bromochloromethane	7.544	49	66752	18.970	ug/l	90
29) Tetrahydrofuran	7.561	42	74921	83.872	ug/l	94
30) Chloroform	7.708	83	186014	21.469	ug/l	95
31) Cyclohexane	7.991	56	170915	20.289	ug/l	100
32) 1,1,1-Trichloroethane	7.902	97	167098	21.745	ug/l	95
36) 1,1-Dichloropropene	8.114	75	142724	21.494	ug/l	97
37) Ethyl Acetate	7.297	43	53915	17.587	ug/l #	91
38) Carbon Tetrachloride	8.097	117	141393	21.583	ug/l	92
39) Methylcyclohexane	9.355	83	160683	20.672	ug/l	98
40) Benzene	8.349	78	376557	21.095	ug/l	97

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41) Methacrylonitrile	7.514	41	35695	19.603	ug/l #	73
42) 1,2-Dichloroethane	8.420	62	116439	20.004	ug/l	94
43) Isopropyl Acetate	8.449	43	109696	18.031	ug/l	92
44) Trichloroethene	9.108	130	101305	21.778	ug/l	89
45) 1,2-Dichloropropane	9.385	63	97786	21.111	ug/l	99
46) Dibromomethane	9.473	93	51232	20.020	ug/l	94
47) Bromodichloromethane	9.655	83	136309	20.980	ug/l	100
48) Methyl methacrylate	9.449	41	55096	18.301	ug/l #	84
49) 1,4-Dioxane	9.455	88	9444	326.578	ug/l #	83
51) 4-Methyl-2-Pentanone	10.220	43	276290	86.323	ug/l	89
52) Toluene	10.396	92	243948	21.513	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	122447	20.182	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	147083	20.979	ug/l #	77
55) 1,1,2-Trichloroethane	10.791	97	67401	20.750	ug/l	96
56) Ethyl methacrylate	10.655	69	79553	18.611	ug/l #	70
57) 1,3-Dichloropropane	10.943	76	117305	19.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	192774	94.149	ug/l	98
59) 2-Hexanone	10.979	43	195307	86.328	ug/l	87
60) Dibromochloromethane	11.132	129	83855	20.536	ug/l	99
61) 1,2-Dibromoethane	11.238	107	61971	19.262	ug/l	97
64) Tetrachloroethene	10.873	164	83886	20.984	ug/l	96
65) Chlorobenzene	11.661	112	250943	21.267	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	92264	21.403	ug/l	99
67) Ethyl Benzene	11.738	91	476816	21.713	ug/l	98
68) m/p-Xylenes	11.843	106	360574	43.218	ug/l	95
69) o-Xylene	12.173	106	164440	21.562	ug/l	92
70) Styrene	12.185	104	283052	21.365	ug/l	96
71) Bromoform	12.355	173	47425	20.331	ug/l #	100
73) Isopropylbenzene	12.473	105	466623	22.635	ug/l	99
74) N-amyl acetate	12.279	43	100468	18.165	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	71256	19.119	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	47841m	15.058	ug/l	
77) Bromobenzene	12.755	156	95624	20.846	ug/l	96
78) n-propylbenzene	12.808	91	572546	22.158	ug/l	100
79) 2-Chlorotoluene	12.896	91	321921	22.293	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	379558	22.322	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	19877	17.677	ug/l #	73
82) 4-Chlorotoluene	12.996	91	328440	21.927	ug/l	99
83) tert-Butylbenzene	13.214	119	328231	22.591	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	372277	22.122	ug/l	98
85) sec-Butylbenzene	13.390	105	504007	22.754	ug/l	100
86) p-Isopropyltoluene	13.502	119	414777	22.568	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	200487	21.702	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	197805	21.836	ug/l	98
89) n-Butylbenzene	13.832	91	405950	22.504	ug/l	98
90) Hexachloroethane	14.096	117	79178	22.741	ug/l	91
91) 1,2-Dichlorobenzene	13.879	146	166361	21.218	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11289	17.466	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	104165	21.801	ug/l	98
94) Hexachlorobutadiene	15.255	225	58567	22.882	ug/l	99
95) Naphthalene	15.384	128	168414	18.518	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	84364	20.415	ug/l	95

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

