

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071093.D
 Acq On : 30 Nov 2021 19:54
 Operator : VA/SY
 Sample : M4867-06MSD
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW9-GW-918-920MSD

Quant Time: Dec 01 03:35:53 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 12/01/2021
 Supervised By :Mahesh Dadoda 12/01/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	194100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	330171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	281703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	105406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	102111	44.834	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.660%		
35) Dibromofluoromethane	7.914	113	102350	48.680	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.360%		
50) Toluene-d8	10.338	98	366860	45.851	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.700%		
62) 4-Bromofluorobenzene	12.626	95	112854	40.691	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	81.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	84703	51.173	ug/l	96
3) Chloromethane	2.215	50	122423	55.906	ug/l	99
4) Vinyl Chloride	2.356	62	136150	55.729	ug/l	97
5) Bromomethane	2.779	94	98215	55.768	ug/l	98
6) Chloroethane	2.932	64	96389	57.363	ug/l	95
7) Trichlorofluoromethane	3.285	101	180680	54.593	ug/l	91
8) Diethyl Ether	3.714	74	45362	50.559	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.109	101	108218	55.423	ug/l	96
10) Methyl Iodide	4.303	142	102968	45.786	ug/l	95
11) Tert butyl alcohol	5.220	59	24306	132.848	ug/l #	71
12) 1,1-Dichloroethene	4.079	96	96066	53.314	ug/l	88
13) Acrolein	3.920	56	27886	179.170	ug/l	97
14) Allyl chloride	4.720	41	189165	55.269	ug/l #	79
15) Acrylonitrile	5.432	53	98467	225.664	ug/l	98
16) Acetone	4.156	43	78064	143.976	ug/l #	87
17) Carbon Disulfide	4.420	76	264731	50.180	ug/l	100
18) Methyl Acetate	4.726	43	70430	41.912	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	213311	48.304	ug/l	97
20) Methylene Chloride	4.967	84	126240	55.378	ug/l #	81
21) trans-1,2-Dichloroethene	5.485	96	113698	56.054	ug/l	95
22) Diisopropyl ether	6.361	45	383098	55.867	ug/l #	89
23) Vinyl Acetate	6.308	43	805701m	220.836	ug/l	
24) 1,1-Dichloroethane	6.267	63	229229	58.119	ug/l	100
25) 2-Butanone	7.214	43	114548	173.750	ug/l	92
26) 2,2-Dichloropropane	7.214	77	193764	54.025	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	131040	57.105	ug/l	93
28) Bromochloromethane	7.550	49	86008	50.206	ug/l	92
29) Tetrahydrofuran	7.561	42	74776	206.763	ug/l	94
30) Chloroform	7.708	83	233544	59.000	ug/l	99
31) Cyclohexane	7.985	56	187356	48.362	ug/l	96
32) 1,1,1-Trichloroethane	7.908	97	199523	56.143	ug/l	95
36) 1,1-Dichloropropene	8.114	75	163749	53.064	ug/l	98
37) Ethyl Acetate	7.291	43	59432	44.586	ug/l #	90
38) Carbon Tetrachloride	8.097	117	166031	54.581	ug/l	97
39) Methylcyclohexane	9.355	83	168090	45.287	ug/l	93
40) Benzene	8.355	78	473402	56.478	ug/l	100

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41) Methacrylonitrile	7.520	41	36801	56.118	ug/l #	75
42) 1,2-Dichloroethane	8.426	62	134235	52.464	ug/l	95
43) Isopropyl Acetate	8.450	43	117484	41.094	ug/l	91
44) Trichloroethene	9.108	130	121389	54.315	ug/l	97
45) 1,2-Dichloropropane	9.385	63	122233	55.451	ug/l	97
46) Dibromomethane	9.473	93	56686	49.566	ug/l	96
47) Bromodichloromethane	9.655	83	170121	56.247	ug/l #	97
48) Methyl methacrylate	9.449	41	56856	43.575	ug/l #	81
49) 1,4-Dioxane	9.461	88	7108	643.854	ug/l #	82
51) 4-Methyl-2-Pentanone	10.226	43	270838	188.744	ug/l	90
52) Toluene	10.402	92	303540	57.074	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	136055	48.927	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	171736	51.992	ug/l #	84
55) 1,1,2-Trichloroethane	10.796	97	76031	50.677	ug/l	96
56) Ethyl methacrylate	10.655	69	82873	39.758	ug/l #	75
57) 1,3-Dichloropropane	10.943	76	134040	50.857	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	177062	173.432	ug/l	98
59) 2-Hexanone	10.979	43	170388	164.209	ug/l	89
60) Dibromochloromethane	11.138	129	95202	51.056	ug/l	100
61) 1,2-Dibromoethane	11.243	107	67316	46.718	ug/l	97
64) Tetrachloroethene	10.873	164	93312	52.177	ug/l	98
65) Chlorobenzene	11.667	112	287073	54.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	108525	56.866	ug/l	99
67) Ethyl Benzene	11.738	91	542846	55.170	ug/l	97
68) m/p-Xylenes	11.849	106	403503	108.621	ug/l	97
69) o-Xylene	12.173	106	191626	54.885	ug/l	96
70) Styrene	12.190	104	294996	50.132	ug/l	96
71) Bromoform	12.349	173	47512	48.056	ug/l #	100
73) Isopropylbenzene	12.473	105	492863	64.576	ug/l	100
74) N-amyl acetate	12.279	43	94416	45.733	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	75320	59.926	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	49676m	49.465	ug/l	
77) Bromobenzene	12.755	156	100931	61.054	ug/l	99
78) n-propylbenzene	12.814	91	568805	59.844	ug/l	100
79) 2-Chlorotoluene	12.896	91	324932	60.910	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	375951	59.735	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	18358	43.592	ug/l #	79
82) 4-Chlorotoluene	12.996	91	323431	58.400	ug/l	99
83) tert-Butylbenzene	13.214	119	332096	61.442	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	374361	60.925	ug/l	99
85) sec-Butylbenzene	13.390	105	452835	54.853	ug/l	99
86) p-Isopropyltoluene	13.508	119	368519	54.579	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	177831	54.039	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	172008	52.757	ug/l	98
89) n-Butylbenzene	13.832	91	309024	46.884	ug/l	99
90) Hexachloroethane	14.102	117	77362	60.441	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	149543	53.436	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	10845	52.984	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	55026	31.522	ug/l	98
94) Hexachlorobutadiene	15.249	225	32393	32.797	ug/l	98
95) Naphthalene	15.384	128	116923	37.996	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	46267	31.206	ug/l	98

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

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