

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072663.D
 Acq On : 21 Apr 2022 11:35
 Operator : VA/SY
 Sample : VD0421SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0421SBS01

Quant Time: Apr 21 14:53:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	336000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	565963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	199405	49.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.120%
35) Dibromofluoromethane	7.908	113	211168	48.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.020%
50) Toluene-d8	10.332	98	709227	46.389	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.620	95	288583	48.331	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.660%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	47681	17.881	ug/l	97
3) Chloromethane	2.209	50	43594	17.675	ug/l	96
4) Vinyl Chloride	2.350	62	47044	17.229	ug/l	96
5) Bromomethane	2.744	94	35921	18.900	ug/l	87
6) Chloroethane	2.903	64	34624	19.059	ug/l	89
7) Trichlorofluoromethane	3.267	101	124731	21.550	ug/l	99
8) Diethyl Ether	3.714	74	36269	21.086	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.091	101	86578	22.429	ug/l	96
10) Methyl Iodide	4.297	142	53147	17.400	ug/l	99
11) Tert butyl alcohol	5.197	59	56540	263.410	ug/l #	81
12) 1,1-Dichloroethene	4.067	96	59156	19.602	ug/l #	80
13) Acrolein	3.926	56	12238	128.480	ug/l	94
14) Allyl chloride	4.714	41	96726	18.968	ug/l #	88
15) Acrylonitrile	5.420	53	104724	121.743	ug/l	94
16) Acetone	4.161	43	79331	104.671	ug/l #	86
17) Carbon Disulfide	4.403	76	72077	13.854	ug/l	96
18) Methyl Acetate	4.720	43	58287	27.298	ug/l	92
19) Methyl tert-butyl Ether	5.485	73	199942	22.699	ug/l	93
20) Methylene Chloride	4.961	84	107657	23.860	ug/l #	82
21) trans-1,2-Dichloroethene	5.473	96	67188	18.719	ug/l	84
22) Diisopropyl ether	6.361	45	281590	23.224	ug/l	92
23) Vinyl Acetate	6.303	43	609758	97.435	ug/l #	89
24) 1,1-Dichloroethane	6.261	63	166499	22.788	ug/l	100
25) 2-Butanone	7.208	43	120004	114.485	ug/l #	84
26) 2,2-Dichloropropane	7.208	77	150258	23.153	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	97723	21.327	ug/l	92
28) Bromochloromethane	7.544	49	69800	22.296	ug/l #	73
29) Tetrahydrofuran	7.561	42	71172	112.463	ug/l	92
30) Chloroform	7.708	83	194778	23.699	ug/l	100
31) Cyclohexane	7.985	56	95007	17.876	ug/l #	82
32) 1,1,1-Trichloroethane	7.897	97	161863	23.219	ug/l	95
36) 1,1-Dichloropropene	8.108	75	103046	19.045	ug/l	96
37) Ethyl Acetate	7.291	43	52588	22.565	ug/l #	89
38) Carbon Tetrachloride	8.097	117	133433	22.021	ug/l	98
39) Methylcyclohexane	9.349	83	100217	17.306	ug/l	95
40) Benzene	8.344	78	324463	21.123	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.520	41	29842	22.842	ug/l	#	80
42) 1,2-Dichloroethane	8.414	62	106354	22.652	ug/l		95
43) Isopropyl Acetate	8.449	43	102877	23.013	ug/l	#	93
44) Trichloroethene	9.108	130	94631	21.700	ug/l		97
45) 1,2-Dichloropropane	9.385	63	96322	22.542	ug/l		94
46) Dibromomethane	9.473	93	50705	22.618	ug/l		95
47) Bromodichloromethane	9.655	83	152660	23.703	ug/l		96
48) Methyl methacrylate	9.449	41	48757	22.465	ug/l	#	89
49) 1,4-Dioxane	9.455	88	11541	432.773	ug/l		95
51) 4-Methyl-2-Pentanone	10.220	43	288478	120.263	ug/l		93
52) Toluene	10.396	92	223229	21.875	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	130356	23.227	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	147728	22.263	ug/l		90
55) 1,1,2-Trichloroethane	10.791	97	86116	25.338	ug/l		95
56) Ethyl methacrylate	10.649	69	87600	21.654	ug/l	#	81
57) 1,3-Dichloropropane	10.938	76	131117	23.336	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	190212	113.361	ug/l		94
59) 2-Hexanone	10.979	43	188072	115.298	ug/l		94
60) Dibromochloromethane	11.132	129	107409	24.500	ug/l		100
61) 1,2-Dibromoethane	11.238	107	70900	23.496	ug/l		99
64) Tetrachloroethene	10.867	164	75039	21.738	ug/l		94
65) Chlorobenzene	11.661	112	267664	22.659	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.732	131	113841	24.105	ug/l		98
67) Ethyl Benzene	11.732	91	438446	21.272	ug/l		99
68) m/p-Xylenes	11.843	106	341631	43.689	ug/l		100
69) o-Xylene	12.173	106	167595	22.214	ug/l		95
70) Styrene	12.185	104	304422	22.894	ug/l		97
71) Bromoform	12.349	173	61877	24.715	ug/l	#	97
73) Isopropylbenzene	12.467	105	474111	21.200	ug/l		100
74) N-amyl acetate	12.279	43	101372	21.604	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.720	83	99123	23.400	ug/l		100
76) 1,2,3-Trichloropropane	12.773	75	72457m	23.991	ug/l		
77) Bromobenzene	12.749	156	112877	22.519	ug/l		91
78) n-propylbenzene	12.808	91	597344	22.141	ug/l		100
79) 2-Chlorotoluene	12.896	91	341529	21.646	ug/l		97
80) 1,3,5-Trimethylbenzene	12.949	105	422995	22.085	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.514	75	28906	23.485	ug/l		90
82) 4-Chlorotoluene	12.996	91	370366	22.539	ug/l		100
83) tert-Butylbenzene	13.208	119	376907	22.731	ug/l		96
84) 1,2,4-Trimethylbenzene	13.255	105	419522	22.399	ug/l		99
85) sec-Butylbenzene	13.390	105	560707	22.450	ug/l		98
86) p-Isopropyltoluene	13.502	119	461742	22.618	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	235796	22.702	ug/l		97
88) 1,4-Dichlorobenzene	13.579	146	237744	22.710	ug/l		99
89) n-Butylbenzene	13.826	91	435936	22.416	ug/l		99
90) Hexachloroethane	14.096	117	96478	23.085	ug/l		99
91) 1,2-Dichlorobenzene	13.873	146	215748	23.550	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	15483	24.715	ug/l		89
93) 1,2,4-Trichlorobenzene	15.143	180	128741	22.672	ug/l		99
94) Hexachlorobutadiene	15.249	225	79510	24.997	ug/l		97
95) Naphthalene	15.379	128	229392	20.790	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	115071	23.218	ug/l		98

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

04/22/2022
 Supervised By :Mahesh
 Dadoda

04/22/2022

