

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073247.D
 Acq On : 21 May 2022 23:47
 Operator : VA/SY
 Sample : N2920-12MSD
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-01MSD

Quant Time: May 22 01:35:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	250312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	444502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	427886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	188573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	165930	59.983	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.960%			
35) Dibromofluoromethane	7.908	113	171037	58.312	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.620%			
50) Toluene-d8	10.332	98	599415	55.439	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.880%			
62) 4-Bromofluorobenzene	12.620	95	199551	52.590	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	110381	44.131	ug/l	95
3) Chloromethane	2.209	50	131321	46.432	ug/l	96
4) Vinyl Chloride	2.344	62	119031	46.025	ug/l	97
5) Bromomethane	2.761	94	80558	48.464	ug/l	97
6) Chloroethane	2.914	64	81855	51.486	ug/l	98
7) Trichlorofluoromethane	3.267	101	221451	48.426	ug/l	95
8) Diethyl Ether	3.708	74	75253	59.887	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	126709	46.439	ug/l	97
10) Methyl Iodide	4.297	142	124716	42.366	ug/l	99
11) Tert butyl alcohol	5.220	59	60063	139.944	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	126808	50.409	ug/l	89
13) Acrolein	3.908	56	7525	28.684	ug/l	87
14) Allyl chloride	4.708	41	209066	51.487	ug/l #	92
15) Acrylonitrile	5.414	53	155281	270.240	ug/l	98
16) Acetone	4.155	43	162579	339.306	ug/l	93
17) Carbon Disulfide	4.403	76	369350	44.291	ug/l	99
18) Methyl Acetate	4.714	43	133663	100.319	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	348507	60.813	ug/l	98
20) Methylene Chloride	4.961	84	179764	59.942	ug/l	88
21) trans-1,2-Dichloroethene	5.461	96	161967	53.252	ug/l	87
22) Diisopropyl ether	6.361	45	484075	56.869	ug/l #	90
23) Vinyl Acetate	6.355	43	350837m	77.271	ug/l	
24) 1,1-Dichloroethane	6.255	63	299871	54.884	ug/l	99
25) 2-Butanone	7.202	43	208513	297.443	ug/l	93
26) 2,2-Dichloropropane	7.202	77	197722	42.434	ug/l	94
27) cis-1,2-Dichloroethene	7.202	96	189852	56.411	ug/l	89
28) Bromochloromethane	7.538	49	114418	60.785	ug/l #	82
29) Tetrahydrofuran	7.555	42	133758	295.083	ug/l	92
30) Chloroform	7.702	83	321267	56.322	ug/l	98
31) Cyclohexane	7.979	56	203693	42.136	ug/l	90
32) 1,1,1-Trichloroethane	7.896	97	261299	52.376	ug/l	96
36) 1,1-Dichloropropene	8.102	75	210527	47.724	ug/l	97
37) Ethyl Acetate	7.285	43	37076	21.278	ug/l #	79
38) Carbon Tetrachloride	8.085	117	218449	48.852	ug/l	95
39) Methylcyclohexane	9.349	83	182905	37.204	ug/l	97
40) Benzene	8.343	78	668681	52.596	ug/l	98

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41) Methacrylonitrile	7.514	41	48166	47.444	ug/l	89
42) 1,2-Dichloroethane	8.414	62	195895	55.376	ug/l	96
43) Isopropyl Acetate	8.443	43	105215	32.668	ug/l #	81
44) Trichloroethene	9.102	130	172694	50.938	ug/l	96
45) 1,2-Dichloropropane	9.379	63	176592	55.155	ug/l	98
46) Dibromomethane	9.467	93	95506	54.312	ug/l	96
47) Bromodichloromethane	9.655	83	251546	55.907	ug/l	97
48) Methyl methacrylate	9.449	41	102992	63.561	ug/l	89
49) 1,4-Dioxane	9.455	88	22456	1236.580	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	482531	288.462	ug/l	94
52) Toluene	10.396	92	428277	53.308	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	212643	52.313	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	254093	52.236	ug/l #	86
55) 1,1,2-Trichloroethane	10.790	97	133677	56.216	ug/l	97
56) Ethyl methacrylate	10.649	69	79998	30.258	ug/l #	83
57) 1,3-Dichloropropane	10.937	76	228727	57.326	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	339178	268.291	ug/l	96
59) 2-Hexanone	10.973	43	320182	290.326	ug/l	94
60) Dibromochloromethane	11.132	129	165042	55.662	ug/l	99
61) 1,2-Dibromoethane	11.237	107	127577	56.145	ug/l	100
64) Tetrachloroethene	10.867	164	191086	68.183	ug/l	99
65) Chlorobenzene	11.661	112	445142	50.711	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	177787	54.611	ug/l	97
67) Ethyl Benzene	11.732	91	760642	49.362	ug/l	97
68) m/p-Xylenes	11.843	106	601799	100.521	ug/l	98
69) o-Xylene	12.167	106	289835	52.699	ug/l	93
70) Styrene	12.184	104	502299	53.085	ug/l	97
71) Bromoform	12.349	173	92885	55.437	ug/l #	99
73) Isopropylbenzene	12.467	105	683941	50.876	ug/l	99
74) N-amyl acetate	12.273	43	43664	14.889	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	143324	57.807	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	177531	95.951	ug/l #	100
77) Bromobenzene	12.749	156	178129	56.289	ug/l	94
78) n-propylbenzene	12.808	91	826288	48.960	ug/l	99
79) 2-Chlorotoluene	12.896	91	511360	52.477	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	587762	51.613	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	39819	51.666	ug/l	88
82) 4-Chlorotoluene	12.990	91	528583	51.752	ug/l	100
83) tert-Butylbenzene	13.208	119	464216	48.368	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	593024	52.713	ug/l	100
85) sec-Butylbenzene	13.384	105	644534	43.982	ug/l	99
86) p-Isopropyltoluene	13.502	119	546568	45.753	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	320980	50.321	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	317656	49.334	ug/l	98
89) n-Butylbenzene	13.826	91	460938	40.496	ug/l	99
90) Hexachloroethane	14.090	117	110487	44.699	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	288102	52.202	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	22626	59.591	ug/l	95
93) 1,2,4-Trichlorobenzene	15.137	180	127107	40.567	ug/l	100
94) Hexachlorobutadiene	15.243	225	43595	24.691	ug/l	98
95) Naphthalene	15.378	128	269661	44.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	109291	39.345	ug/l	100

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

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