

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073312.D
 Acq On : 24 May 2022 06:16
 Operator : VA/SY
 Sample : N2949-06MSD
 Misc : 4.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-0612-01MSD

Quant Time: May 24 08:17:44 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	237219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	430887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	385282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	165192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	164185	62.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.260%			
35) Dibromofluoromethane	7.909	113	164594	57.889	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.780%			
50) Toluene-d8	10.332	98	552998	52.762	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.520%			
62) 4-Bromofluorobenzene	12.620	95	177162	48.165	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	107846	45.498	ug/l	92
3) Chloromethane	2.209	50	122033	45.529	ug/l	100
4) Vinyl Chloride	2.344	62	119653	48.820	ug/l	97
5) Bromomethane	2.762	94	79575	50.701	ug/l	94
6) Chloroethane	2.915	64	83026	55.105	ug/l	99
7) Trichlorofluoromethane	3.268	101	214523	49.500	ug/l	99
8) Diethyl Ether	3.709	74	75560	63.450	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	120344	46.541	ug/l	96
10) Methyl Iodide	4.291	142	118548	42.493	ug/l	99
11) Tert butyl alcohol	5.203	59	88481	217.536	ug/l #	84
12) 1,1-Dichloroethene	4.068	96	119001	49.917	ug/l	86
13) Acrolein	3.915	56	11105	55.313	ug/l	96
14) Allyl chloride	4.709	41	205770	53.473	ug/l	89
15) Acrylonitrile	5.420	53	159787	293.430	ug/l	98
16) Acetone	4.156	43	146445	322.503	ug/l	94
17) Carbon Disulfide	4.403	76	317937	40.230	ug/l	100
18) Methyl Acetate	4.715	43	145034	114.862	ug/l #	91
19) Methyl tert-butyl Ether	5.479	73	352883	64.975	ug/l	95
20) Methylene Chloride	4.956	84	203138	72.310	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	150838	52.330	ug/l	92
22) Diisopropyl ether	6.362	45	496413	61.538	ug/l	91
23) Vinyl Acetate	6.303	43	505211m	117.413	ug/l	
24) 1,1-Dichloroethane	6.256	63	295217	57.015	ug/l	98
25) 2-Butanone	7.209	43	204787	308.252	ug/l	93
26) 2,2-Dichloropropane	7.197	77	196931	44.597	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	182050	57.079	ug/l	89
28) Bromochloromethane	7.538	49	110828	62.128	ug/l #	80
29) Tetrahydrofuran	7.550	42	137523	320.134	ug/l	91
30) Chloroform	7.703	83	315727	58.406	ug/l	97
31) Cyclohexane	7.979	56	180265	39.348	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	247362	52.319	ug/l	97
36) 1,1-Dichloropropene	8.108	75	192837	45.095	ug/l	97
37) Ethyl Acetate	7.285	43	49796	29.481	ug/l #	79
38) Carbon Tetrachloride	8.091	117	202681	46.758	ug/l	98
39) Methylcyclohexane	9.350	83	172585	36.214	ug/l	98
40) Benzene	8.344	78	641787	52.076	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	41675m	42.348	ug/l	
42) 1,2-Dichloroethane	8.414	62	190861	55.658	ug/l	96
43) Isopropyl Acetate	8.444	43	112976	36.186	ug/l #	82
44) Trichloroethene	9.108	130	154484	47.006	ug/l	95
45) 1,2-Dichloropropane	9.379	63	170351	54.886	ug/l	92
46) Dibromomethane	9.467	93	96675	56.714	ug/l	97
47) Bromodichloromethane	9.655	83	242690	55.643	ug/l	97
48) Methyl methacrylate	9.450	41	94312	60.043	ug/l #	87
49) 1,4-Dioxane	9.450	88	21388	1214.983	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	490282	302.357	ug/l	94
52) Toluene	10.397	92	388394	49.872	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	202415	51.370	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	242148	51.353	ug/l	88
55) 1,1,2-Trichloroethane	10.791	97	132319	57.403	ug/l	96
56) Ethyl methacrylate	10.650	69	92645	36.149	ug/l #	84
57) 1,3-Dichloropropane	10.932	76	217178	56.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	325435	265.774	ug/l	97
59) 2-Hexanone	10.973	43	298971	279.659	ug/l	95
60) Dibromochloromethane	11.132	129	161121	56.056	ug/l	99
61) 1,2-Dibromoethane	11.238	107	122201	55.479	ug/l	99
64) Tetrachloroethene	10.867	164	128813	51.045	ug/l	96
65) Chlorobenzene	11.661	112	397627	50.307	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	165548	56.475	ug/l	100
67) Ethyl Benzene	11.732	91	679160	48.948	ug/l	100
68) m/p-Xylenes	11.844	106	531935	98.677	ug/l	97
69) o-Xylene	12.173	106	251536	50.793	ug/l	96
70) Styrene	12.185	104	469563	55.112	ug/l	96
71) Bromoform	12.349	173	87932	58.285	ug/l #	99
73) Isopropylbenzene	12.467	105	609156	51.727	ug/l	100
74) N-amyl acetate	12.279	43	68059	26.492	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	142554	65.635	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	119497m	73.726	ug/l	
77) Bromobenzene	12.749	156	154578	55.760	ug/l	94
78) n-propylbenzene	12.808	91	722895	48.896	ug/l	98
79) 2-Chlorotoluene	12.896	91	444232	52.040	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	519797	52.106	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	36617	54.236	ug/l	89
82) 4-Chlorotoluene	12.991	91	465143	51.986	ug/l	100
83) tert-Butylbenzene	13.208	119	438851	52.197	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	509787	51.728	ug/l	97
85) sec-Butylbenzene	13.385	105	609384	47.469	ug/l	99
86) p-Isopropyltoluene	13.502	119	489154	46.743	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	278885	49.910	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	276894	49.090	ug/l	98
89) n-Butylbenzene	13.826	91	410023	41.122	ug/l	99
90) Hexachloroethane	14.096	117	105716	48.822	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	247881	51.272	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	20118	60.485	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	106559	38.822	ug/l	98
94) Hexachlorobutadiene	15.249	225	55096	35.621	ug/l	99
95) Naphthalene	15.379	128	249896	46.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	98824	40.613	ug/l	98

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

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