

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073005.D
 Acq On : 13 May 2022 22:41
 Operator : VA/SY
 Sample : N2816-02MS
 Misc : 6.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-01MS

Quant Time: May 16 05:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	264926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	450884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	446799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	218801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	168694	49.054	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.100%		
35) Dibromofluoromethane	7.908	113	170838	53.950	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.900%		
50) Toluene-d8	10.332	98	601626	52.965	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.920%		
62) 4-Bromofluorobenzene	12.620	95	227993	53.830	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	171070	46.729	ug/l	97
3) Chloromethane	2.209	50	161162	42.330	ug/l	94
4) Vinyl Chloride	2.344	62	158237	46.319	ug/l	97
5) Bromomethane	2.762	94	98578	46.813	ug/l	96
6) Chloroethane	2.914	64	98755	46.382	ug/l	99
7) Trichlorofluoromethane	3.267	101	307544	51.410	ug/l	96
8) Diethyl Ether	3.709	74	85209	49.683	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	186205	52.429	ug/l	97
10) Methyl Iodide	4.291	142	158944	44.594	ug/l	98
11) Tert butyl alcohol	5.214	59	67896	228.191	ug/l #	93
12) 1,1-Dichloroethene	4.061	96	162281	50.800	ug/l	93
13) Acrolein	3.914	56	11568	41.942	ug/l	92
14) Allyl chloride	4.709	41	265669	51.511	ug/l	92
15) Acrylonitrile	5.420	53	192719	236.445	ug/l	98
16) Acetone	4.156	43	170015	264.968	ug/l	90
17) Carbon Disulfide	4.403	76	452292	45.029	ug/l	97
18) Methyl Acetate	4.720	43	117156	62.669	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	410016	53.539	ug/l	98
20) Methylene Chloride	4.956	84	222854	54.779	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	191741	52.335	ug/l	91
22) Diisopropyl ether	6.361	45	613132	54.042	ug/l	94
23) Vinyl Acetate	6.303	43	1178307m	188.007	ug/l	
24) 1,1-Dichloroethane	6.261	63	362980	53.251	ug/l	99
25) 2-Butanone	7.208	43	246916	246.423	ug/l	92
26) 2,2-Dichloropropane	7.197	77	281862	48.913	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	218179	51.995	ug/l	92
28) Bromochloromethane	7.538	49	137115	53.942	ug/l	85
29) Tetrahydrofuran	7.561	42	154364	241.693	ug/l	93
30) Chloroform	7.702	83	378984	52.546	ug/l	99
31) Cyclohexane	7.979	56	292007	48.574	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	332347	54.067	ug/l	96
36) 1,1-Dichloropropene	8.108	75	271737	52.775	ug/l	96
37) Ethyl Acetate	7.285	43	102383	43.254	ug/l #	94
38) Carbon Tetrachloride	8.091	117	289156	54.099	ug/l	99
39) Methylcyclohexane	9.349	83	299141	50.087	ug/l	100
40) Benzene	8.344	78	792558	53.301	ug/l	100

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41) Methacrylonitrile	7.514	41	64177	45.535	ug/l	92
42) 1,2-Dichloroethane	8.414	62	227355	50.739	ug/l	95
43) Isopropyl Acetate	8.444	43	206301	47.221	ug/l	94
44) Trichloroethene	9.108	130	209003	52.539	ug/l	92
45) 1,2-Dichloropropane	9.379	63	206647	52.918	ug/l	95
46) Dibromomethane	9.473	93	110845	51.458	ug/l	98
47) Bromodichloromethane	9.655	83	289117	52.174	ug/l	99
48) Methyl methacrylate	9.449	41	113522	53.115	ug/l	94
49) 1,4-Dioxane	9.455	88	24001	989.457	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	566196	249.405	ug/l	94
52) Toluene	10.396	92	506633	54.620	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	255612	50.219	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	307960	52.078	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	151871	52.154	ug/l	97
56) Ethyl methacrylate	10.655	69	169815	49.529	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	258589	51.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	454434	273.372	ug/l	97
59) 2-Hexanone	10.973	43	386399	252.949	ug/l	94
60) Dibromochloromethane	11.132	129	193407	52.760	ug/l	99
61) 1,2-Dibromoethane	11.238	107	139274	49.138	ug/l	98
64) Tetrachloroethene	10.867	164	180512	55.259	ug/l	96
65) Chlorobenzene	11.661	112	531112	51.394	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	205107	52.812	ug/l	99
67) Ethyl Benzene	11.732	91	956729	53.495	ug/l	100
68) m/p-Xylenes	11.843	106	740149	107.437	ug/l	99
69) o-Xylene	12.173	106	348802	54.212	ug/l	96
70) Styrene	12.185	104	604849	54.258	ug/l	98
71) Bromoform	12.349	173	108223	51.416	ug/l #	99
73) Isopropylbenzene	12.467	105	927987	54.513	ug/l	100
74) N-amyl acetate	12.279	43	174484	41.158	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	170434	49.597	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	138955m	56.954	ug/l	
77) Bromobenzene	12.749	156	213097	52.715	ug/l	94
78) n-propylbenzene	12.808	91	1148748	53.542	ug/l	99
79) 2-Chlorotoluene	12.896	91	645538	51.507	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	778959	53.965	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	50468	47.568	ug/l	89
82) 4-Chlorotoluene	12.990	91	686956	52.459	ug/l	99
83) tert-Butylbenzene	13.208	119	675344	55.032	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	777811	53.909	ug/l	100
85) sec-Butylbenzene	13.385	105	985788	53.260	ug/l	99
86) p-Isopropyltoluene	13.502	119	807263	53.196	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	415939	51.077	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	406219	50.091	ug/l	99
89) n-Butylbenzene	13.826	91	772513	52.550	ug/l	99
90) Hexachloroethane	14.096	117	156499	50.340	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	359490	50.653	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	25052	45.990	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	203837	48.497	ug/l	100
94) Hexachlorobutadiene	15.249	225	103160	44.941	ug/l	100
95) Naphthalene	15.384	128	380530	49.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	178409	47.884	ug/l	100

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

