

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073162.D
 Acq On : 20 May 2022 02:31
 Operator : VA/SY
 Sample : N2842-10MS
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01MS

Manual Integrations
 APPROVED

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

Quant Time: May 20 02:44:41 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	208889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	378101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	361972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	150839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	149932	64.947	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.900%			
35) Dibromofluoromethane	7.908	113	141620	56.762	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.520%			
50) Toluene-d8	10.332	98	484201	52.647	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.620	95	159589	49.445	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	94653	45.347	ug/l	95
3) Chloromethane	2.209	50	111700	47.326	ug/l	99
4) Vinyl Chloride	2.344	62	104031	48.202	ug/l	95
5) Bromomethane	2.762	94	59053	42.038	ug/l	97
6) Chloroethane	2.915	64	70039	52.790	ug/l	96
7) Trichlorofluoromethane	3.267	101	193080	50.595	ug/l	95
8) Diethyl Ether	3.709	74	74891	71.417	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	107577	47.246	ug/l	97
10) Methyl Iodide	4.291	142	81394	33.132	ug/l	99
11) Tert butyl alcohol	5.214	59	59253	165.434	ug/l #	82
12) 1,1-Dichloroethene	4.062	96	107402	51.162	ug/l	90
14) Allyl chloride	4.714	41	175292	51.730	ug/l	91
15) Acrylonitrile	5.414	53	137776	287.323	ug/l	97
16) Acetone	4.150	43	155234	388.222	ug/l	93
17) Carbon Disulfide	4.403	76	325971	46.841	ug/l	97
18) Methyl Acetate	4.714	43	186321	167.572	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	334311	69.904	ug/l	97
20) Methylene Chloride	4.956	84	174805	70.565	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	144031	56.745	ug/l	94
22) Diisopropyl ether	6.361	45	430586	60.617	ug/l #	91
23) Vinyl Acetate	6.356	43	242580	64.022	ug/l #	77
24) 1,1-Dichloroethane	6.261	63	262229	57.512	ug/l	99
25) 2-Butanone	7.208	43	206644	353.232	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	188869	48.572	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	168120	59.860	ug/l	90
28) Bromochloromethane	7.538	49	109513	69.717	ug/l #	81
29) Tetrahydrofuran	7.555	42	136913	361.938	ug/l	90
30) Chloroform	7.703	83	297222	62.439	ug/l	94
31) Cyclohexane	7.979	56	169037	41.901	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	222769	53.508	ug/l	97
36) 1,1-Dichloropropene	8.102	75	180393	48.074	ug/l	96
37) Ethyl Acetate	7.285	43	22720	15.329	ug/l #	80
38) Carbon Tetrachloride	8.091	117	183009	48.114	ug/l	99
39) Methylcyclohexane	9.349	83	144524	34.560	ug/l	92
40) Benzene	8.344	78	590152	54.571	ug/l	99
41) Methacrylonitrile	7.514	41	34486	39.935	ug/l #	57

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.414	62	189518	62.982	ug/l	95
43) Isopropyl Acetate	8.450	43	67137	24.506	ug/l #	59
44) Trichloroethene	9.102	130	145931	50.603	ug/l	95
45) 1,2-Dichloropropane	9.379	63	161939	59.460	ug/l	94
46) Dibromomethane	9.473	93	98734	66.008	ug/l	95
47) Bromodichloromethane	9.649	83	231453	60.475	ug/l	97
48) Methyl methacrylate	9.449	41	101403	73.570	ug/l	88
49) 1,4-Dioxane	9.455	88	21014	1360.393	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	473126	332.511	ug/l	93
52) Toluene	10.396	92	365076	53.422	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	183838	53.169	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	203916	49.283	ug/l #	90
55) 1,1,2-Trichloroethane	10.791	97	127018	62.796	ug/l	98
56) Ethyl methacrylate	10.649	69	50223	22.332	ug/l #	69
57) 1,3-Dichloropropane	10.932	76	217652	64.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	314239	290.288	ug/l	97
59) 2-Hexanone	10.973	43	251693	268.304	ug/l	95
60) Dibromochloromethane	11.132	129	154631	61.309	ug/l	98
61) 1,2-Dibromoethane	11.238	107	121643	62.935	ug/l	100
64) Tetrachloroethene	10.867	164	127458	53.761	ug/l	93
65) Chlorobenzene	11.661	112	374640	50.451	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	153811	55.850	ug/l	98
67) Ethyl Benzene	11.738	91	628399	48.206	ug/l	97
68) m/p-Xylenes	11.843	106	502884	99.295	ug/l	99
69) o-Xylene	12.167	106	239287	51.431	ug/l	96
70) Styrene	12.185	104	423976	52.966	ug/l	97
71) Bromoform	12.343	173	85258	60.151	ug/l #	97
73) Isopropylbenzene	12.467	105	541869	50.391	ug/l	99
74) N-amyl acetate	12.279	43	8964	3.821	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	142867	72.038	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	109552m	74.022	ug/l	
77) Bromobenzene	12.749	156	151496	59.849	ug/l	93
78) n-propylbenzene	12.808	91	652314	48.320	ug/l	99
79) 2-Chlorotoluene	12.896	91	408819	52.449	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	467461	51.318	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	33384	54.152	ug/l	88
82) 4-Chlorotoluene	12.990	91	430039	52.636	ug/l	98
83) tert-Butylbenzene	13.208	119	355146	46.261	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	471788	52.428	ug/l	99
85) sec-Butylbenzene	13.385	105	493624	42.110	ug/l	100
86) p-Isopropyltoluene	13.502	119	385651	40.359	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	261636	51.279	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	258552	50.200	ug/l	99
89) n-Butylbenzene	13.826	91	317985	34.926	ug/l	100
90) Hexachloroethane	14.096	117	82872	41.914	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	232321	52.626	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	20962	69.020	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	93912	37.470	ug/l	99
94) Hexachlorobutadiene	15.249	225	33343	23.609	ug/l	98
95) Naphthalene	15.384	128	226408	46.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	82739	37.238	ug/l	98

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

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

