

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072665.D
 Acq On : 21 Apr 2022 12:31
 Operator : VA/SY
 Sample : N2479-03MSD
 Misc : 4.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB4-041922-0-2MSD

Quant Time: Apr 22 03:39:33 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	7.979	168	314165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	520386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	489704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	249053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203093	53.439	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.880%			
35) Dibromofluoromethane	7.908	113	215867	53.378	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.760%			
50) Toluene-d8	10.332	98	733063	52.147	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.300%			
62) 4-Bromofluorobenzene	12.620	95	295992	53.913	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	100744	40.406	ug/l	99
3) Chloromethane	2.209	50	106862	46.337	ug/l	97
4) Vinyl Chloride	2.350	62	110942	42.008	ug/l	100
5) Bromomethane	2.762	94	82179	46.243	ug/l	89
6) Chloroethane	2.920	64	80544	47.419	ug/l	97
7) Trichlorofluoromethane	3.273	101	247854	45.798	ug/l	100
8) Diethyl Ether	3.709	74	78899	49.058	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.097	101	164251	45.508	ug/l	97
10) Methyl Iodide	4.297	142	135068	40.883	ug/l	98
11) Tert butyl alcohol	5.220	59	52130	259.744	ug/l	100
12) 1,1-Dichloroethene	4.067	96	136231	48.278	ug/l	89
13) Acrolein	3.926	56	26403	296.455	ug/l	97
14) Allyl chloride	4.714	41	212383	43.023	ug/l #	90
15) Acrylonitrile	5.420	53	199927	248.572	ug/l	97
16) Acetone	4.156	43	198520	280.136	ug/l #	88
17) Carbon Disulfide	4.414	76	252963	42.017	ug/l	98
18) Methyl Acetate	4.714	43	100188	50.183	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	405179	49.195	ug/l	98
20) Methylene Chloride	4.962	84	228219	54.095	ug/l #	83
21) trans-1,2-Dichloroethene	5.473	96	153113	44.539	ug/l	90
22) Diisopropyl ether	6.361	45	541449	47.759	ug/l #	92
23) Vinyl Acetate	6.303	43	472793	81.874	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	332981	48.741	ug/l	100
25) 2-Butanone	7.203	43	252224	257.348	ug/l	92
26) 2,2-Dichloropropane	7.203	77	282617	46.575	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	201237	46.970	ug/l	91
28) Bromochloromethane	7.544	49	164685	56.261	ug/l #	76
29) Tetrahydrofuran	7.561	42	147325	248.976	ug/l	88
30) Chloroform	7.708	83	366817	47.732	ug/l	99
31) Cyclohexane	7.979	56	223972	45.071	ug/l	91
32) 1,1,1-Trichloroethane	7.903	97	312722	47.978	ug/l	96
36) 1,1-Dichloropropene	8.114	75	222269	43.165	ug/l	94
37) Ethyl Acetate	7.291	43	103519	48.309	ug/l #	94
38) Carbon Tetrachloride	8.097	117	263106	47.224	ug/l	97
39) Methylcyclohexane	9.355	83	237978	40.141	ug/l	95
40) Benzene	8.350	78	698665	49.468	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	61906	49.452	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	214060	49.586	ug/l	94
43) Isopropyl Acetate	8.450	43	204426	49.734	ug/l #	91
44) Trichloroethene	9.108	130	216597	54.018	ug/l	95
45) 1,2-Dichloropropane	9.379	63	194010	49.380	ug/l	97
46) Dibromomethane	9.467	93	104914	50.897	ug/l	96
47) Bromodichloromethane	9.655	83	287146	48.489	ug/l #	99
48) Methyl methacrylate	9.450	41	103291	51.760	ug/l #	89
49) 1,4-Dioxane	9.461	88	23973	977.691	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	559785	253.807	ug/l	91
52) Toluene	10.397	92	462392	49.281	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	256358	49.678	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	296498	48.597	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	155679	49.818	ug/l	97
56) Ethyl methacrylate	10.655	69	181460	47.292	ug/l #	81
57) 1,3-Dichloropropane	10.938	76	257258	49.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	417576	270.659	ug/l	93
59) 2-Hexanone	10.973	43	401162	267.473	ug/l	91
60) Dibromochloromethane	11.132	129	198237	49.178	ug/l	98
61) 1,2-Dibromoethane	11.238	107	141869	51.132	ug/l	98
64) Tetrachloroethene	10.867	164	296272	92.598	ug/l	96
65) Chlorobenzene	11.661	112	515204	47.057	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	212168	48.471	ug/l	99
67) Ethyl Benzene	11.738	91	894285	46.811	ug/l	99
68) m/p-Xylenes	11.843	106	698214	96.336	ug/l	99
69) o-Xylene	12.173	106	335932	48.039	ug/l	94
70) Styrene	12.185	104	591057	47.959	ug/l	97
71) Bromoform	12.349	173	116064	50.017	ug/l #	99
73) Isopropylbenzene	12.467	105	899758	44.734	ug/l	99
74) N-amyl acetate	12.279	43	190765	45.202	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.714	83	156003	40.948	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	129583m	47.705	ug/l	
77) Bromobenzene	12.749	156	206567	45.819	ug/l	94
78) n-propylbenzene	12.808	91	1097959	45.249	ug/l	98
79) 2-Chlorotoluene	12.896	91	644664	45.430	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	774012	44.932	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	52563	47.483	ug/l	91
82) 4-Chlorotoluene	12.990	91	669124	45.276	ug/l	99
83) tert-Butylbenzene	13.208	119	645243	43.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	769863	45.702	ug/l	100
85) sec-Butylbenzene	13.390	105	969592	43.163	ug/l	99
86) p-Isopropyltoluene	13.502	119	811827	44.215	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	429402	45.966	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	418064	44.403	ug/l	100
89) n-Butylbenzene	13.826	91	736402	42.102	ug/l	98
90) Hexachloroethane	14.096	117	160018	42.572	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	374326	45.431	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27402	48.633	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	217291	42.546	ug/l	98
94) Hexachlorobutadiene	15.249	225	108996	38.101	ug/l	99
95) Naphthalene	15.379	128	423517	42.678	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	195793	43.925	ug/l	98

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

