

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072664.D
 Acq On : 21 Apr 2022 12:03
 Operator : VA/SY
 Sample : N2479-02MS
 Misc : 2.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 22 03:39:02 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	7.973	168	159649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	264653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	269168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	148119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	126505	65.504	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.000%			
35) Dibromofluoromethane	7.909	113	103020	50.089	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.180%			
50) Toluene-d8	10.332	98	360758	50.461	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.920%			
62) 4-Bromofluorobenzene	12.620	95	155190	55.581	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	44961	35.485	ug/l	96
3) Chloromethane	2.209	50	52487	44.787	ug/l	99
4) Vinyl Chloride	2.350	62	51601	38.530	ug/l	93
5) Bromomethane	2.768	94	39329	43.550	ug/l	94
6) Chloroethane	2.921	64	37829	43.826	ug/l	94
7) Trichlorofluoromethane	3.273	101	113966	41.440	ug/l	98
8) Diethyl Ether	3.709	74	49127	60.111	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.097	101	74791	40.778	ug/l	95
10) Methyl Iodide	4.297	142	62093	37.340	ug/l	98
11) Tert butyl alcohol	5.215	59	43523	426.745	ug/l	98
12) 1,1-Dichloroethene	4.073	96	62645	43.687	ug/l	85
13) Acrolein	3.921	56	49751	1099.258	ug/l	99
14) Allyl chloride	4.715	41	103151	41.169	ug/l	86
15) Acrylonitrile	5.415	53	167840	410.646	ug/l	95
16) Acetone	4.150	43	169937	471.894	ug/l	93
17) Carbon Disulfide	4.409	76	117032	38.578	ug/l	98
18) Methyl Acetate	4.720	43	69721	68.722	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	264326	63.155	ug/l	96
20) Methylene Chloride	4.968	84	109039	50.861	ug/l #	80
21) trans-1,2-Dichloroethene	5.473	96	72489	41.547	ug/l	85
22) Diisopropyl ether	6.367	45	271123	47.060	ug/l	91
23) Vinyl Acetate	6.362	43	152443	54.247	ug/l #	78
24) 1,1-Dichloroethane	6.262	63	162085	46.689	ug/l	98
25) 2-Butanone	7.209	43	216500	434.694	ug/l	93
26) 2,2-Dichloropropane	7.209	77	132911	43.103	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	103659	47.612	ug/l	91
28) Bromochloromethane	7.544	49	101399	68.167	ug/l #	76
29) Tetrahydrofuran	7.561	42	121334	403.511	ug/l #	86
30) Chloroform	7.703	83	189769	48.594	ug/l	97
31) Cyclohexane	7.985	56	98047	38.826	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	147530	44.541	ug/l	96
36) 1,1-Dichloropropene	8.109	75	104465	39.976	ug/l	95
37) Ethyl Acetate	7.291	43	73350	67.306	ug/l #	89
38) Carbon Tetrachloride	8.091	117	117625	41.513	ug/l	91
39) Methylcyclohexane	9.350	83	101534	34.139	ug/l	97
40) Benzene	8.344	78	346654	48.261	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	49460	76.741	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	130051	59.236	ug/l	96
43) Isopropyl Acetate	8.450	43	153080	73.229	ug/l #	94
44) Trichloroethene	9.108	130	150468	73.787	ug/l	94
45) 1,2-Dichloropropane	9.379	63	102804	51.450	ug/l	96
46) Dibromomethane	9.473	93	66582	63.514	ug/l	94
47) Bromodichloromethane	9.656	83	160662	53.346	ug/l	98
48) Methyl methacrylate	9.450	41	66232	65.260	ug/l #	82
49) 1,4-Dioxane	9.456	88	22789	1827.484	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	456805	407.250	ug/l	92
52) Toluene	10.397	92	227573	47.691	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	152126	57.966	ug/l	92
54) cis-1,3-Dichloropropene	10.085	75	166510	53.663	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	103691	65.244	ug/l	95
56) Ethyl methacrylate	10.655	69	123310	62.790	ug/l #	81
57) 1,3-Dichloropropane	10.938	76	165734	63.080	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	279935	356.774	ug/l	95
59) 2-Hexanone	10.979	43	332568	436.003	ug/l	92
60) Dibromochloromethane	11.132	129	125372	61.155	ug/l	99
61) 1,2-Dibromoethane	11.238	107	95721	67.836	ug/l	95
64) Tetrachloroethene	10.867	164	151651	86.232	ug/l	97
65) Chlorobenzene	11.661	112	266570	44.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	115515	48.012	ug/l	99
67) Ethyl Benzene	11.738	91	421837	40.173	ug/l	97
68) m/p-Xylenes	11.844	106	337207	84.646	ug/l	99
69) o-Xylene	12.173	106	166932	43.431	ug/l	96
70) Styrene	12.185	104	306243	45.208	ug/l	96
71) Bromoform	12.349	173	79824	62.584	ug/l #	98
73) Isopropylbenzene	12.467	105	421777	35.259	ug/l	98
74) N-amyl acetate	12.279	43	134012	53.393	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	66090	29.169	ug/l	95
76) 1,2,3-Trichloropropane	12.773	75	79702m	49.336	ug/l	
77) Bromobenzene	12.749	156	118547	44.214	ug/l	96
78) n-propylbenzene	12.808	91	516981	35.825	ug/l	98
79) 2-Chlorotoluene	12.897	91	325692	38.592	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	376610	36.760	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	39294	59.685	ug/l #	87
82) 4-Chlorotoluene	12.991	91	347180	39.500	ug/l	98
83) tert-Butylbenzene	13.208	119	299602	33.780	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	380477	37.978	ug/l	98
85) sec-Butylbenzene	13.391	105	464175	34.745	ug/l	100
86) p-Isopropyltoluene	13.502	119	382331	35.012	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	232211	41.796	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	235302	42.022	ug/l	99
89) n-Butylbenzene	13.826	91	339897	32.675	ug/l	99
90) Hexachloroethane	14.096	117	80250	35.899	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	220392	44.976	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	22171	66.163	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	126877	41.772	ug/l	99
94) Hexachlorobutadiene	15.249	225	53705	31.566	ug/l	98
95) Naphthalene	15.379	128	305377	51.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	119615	45.121	ug/l	98

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

