

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076349.D
 Acq On : 06 Jun 2023 19:34
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 07 06:12:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	190250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	307795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	154735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92476	54.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.500%	
35) Dibromofluoromethane	7.805	113	104125	53.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.560%	
50) Toluene-d8	10.269	98	420952	54.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.200%	
62) 4-Bromofluorobenzene	12.575	95	116493	56.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	80000	43.422	ug/l	96
3) Chloromethane	2.146	50	178714	50.480	ug/l	100
4) Vinyl Chloride	2.275	62	217419	46.793	ug/l	98
5) Bromomethane	2.681	94	128280	42.552	ug/l	99
6) Chloroethane	2.828	64	144386	46.371	ug/l	98
7) Trichlorofluoromethane	3.164	101	144720	46.910	ug/l	97
8) Diethyl Ether	3.593	74	50662	50.342	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.958	101	95866	48.581	ug/l	99
10) Methyl Iodide	4.158	142	123432	44.947	ug/l	99
11) Tert butyl alcohol	5.069	59	24699	259.258	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	101180	48.300	ug/l	93
13) Acrolein	3.793	56	52356	252.602	ug/l	96
14) Allyl chloride	4.558	41	99096	48.144	ug/l	95
15) Acrylonitrile	5.258	53	105308	262.053	ug/l	99
16) Acetone	4.022	43	68955	220.851	ug/l	99
17) Carbon Disulfide	4.264	76	339238	48.551	ug/l	97
18) Methyl Acetate	4.564	43	67235	50.780	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	200406	51.927	ug/l	95
20) Methylene Chloride	4.799	84	128564	49.916	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	121633	50.108	ug/l	94
22) Diisopropyl ether	6.210	45	237855	51.960	ug/l	99
23) Vinyl Acetate	6.152	43	477844	277.444	ug/l	99
24) 1,1-Dichloroethane	6.111	63	185455	49.606	ug/l	97
25) 2-Butanone	7.087	43	103998	240.548	ug/l	94
26) 2,2-Dichloropropane	7.075	77	140647	45.432	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	129895	49.535	ug/l	99
28) Bromochloromethane	7.422	49	49393	53.785	ug/l	97
29) Tetrahydrofuran	7.440	42	70249	275.415	ug/l	98
30) Chloroform	7.593	83	194653	49.610	ug/l	99
31) Cyclohexane	7.875	56	136008	47.523	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	153486	49.123	ug/l	99
36) 1,1-Dichloropropene	8.010	75	145173	51.703	ug/l	100
37) Ethyl Acetate	7.163	43	49916	53.884	ug/l	97
38) Carbon Tetrachloride	7.987	117	124234	50.473	ug/l	96
39) Methylcyclohexane	9.275	83	167126	52.093	ug/l	95
40) Benzene	8.246	78	461963	52.011	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	25579	54.197	ug/l	92
42) 1,2-Dichloroethane	8.322	62	108143	52.717	ug/l	99
43) Isopropyl Acetate	8.363	43	90636	54.593	ug/l	99
44) Trichloroethene	9.028	130	123386	49.682	ug/l	96
45) 1,2-Dichloropropane	9.304	63	112784	54.104	ug/l	100
46) Dibromomethane	9.393	93	62978	53.371	ug/l	100
47) Bromodichloromethane	9.581	83	147103	53.178	ug/l	95
48) Methyl methacrylate	9.381	41	41347	54.975	ug/l	97
49) 1,4-Dioxane	9.387	88	15165	1172.582	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	247777	283.141	ug/l	99
52) Toluene	10.334	92	290653	53.213	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	134847	52.527	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	166681	52.540	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	89627	53.644	ug/l	97
56) Ethyl methacrylate	10.599	69	94582	55.504	ug/l	96
57) 1,3-Dichloropropane	10.881	76	145787	54.938	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	187754	262.420	ug/l	99
59) 2-Hexanone	10.922	43	168110	279.990	ug/l	100
60) Dibromochloromethane	11.075	129	101009	53.332	ug/l	97
61) 1,2-Dibromoethane	11.181	107	81861	53.846	ug/l	100
64) Tetrachloroethene	10.810	164	104905	49.697	ug/l	94
65) Chlorobenzene	11.610	112	312137	49.435	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	106576	50.272	ug/l	100
67) Ethyl Benzene	11.687	91	523006	51.397	ug/l	100
68) m/p-Xylenes	11.793	106	437495	104.006	ug/l	98
69) o-Xylene	12.122	106	197160	51.986	ug/l	99
70) Styrene	12.134	104	353667	54.377	ug/l	99
71) Bromoform	12.304	173	60296	52.719	ug/l #	98
73) Isopropylbenzene	12.422	105	490883	49.555	ug/l	99
74) N-amyl acetate	12.234	43	85611	50.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	100261	50.561	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	67593m	46.797	ug/l	
77) Bromobenzene	12.704	156	128118	49.190	ug/l	98
78) n-propylbenzene	12.763	91	618697	50.518	ug/l	99
79) 2-Chlorotoluene	12.851	91	325734	48.760	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	414199	50.708	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	29934	49.636	ug/l	95
82) 4-Chlorotoluene	12.945	91	350407	49.264	ug/l	99
83) tert-Butylbenzene	13.169	119	338393	49.403	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	419124	51.376	ug/l	99
85) sec-Butylbenzene	13.345	105	531888	50.484	ug/l	99
86) p-Isopropyltoluene	13.463	119	445429	51.006	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	262086	49.917	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	253517	47.688	ug/l	99
89) n-Butylbenzene	13.787	91	406815	50.120	ug/l	99
90) Hexachloroethane	14.057	117	82509	47.057	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	228750	50.182	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13531	51.653	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	131839	49.761	ug/l	98
94) Hexachlorobutadiene	15.204	225	61900	47.785	ug/l	98
95) Naphthalene	15.334	128	252994	46.045	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	116184	49.587	ug/l	98

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

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