

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076321.D
 Acq On : 05 Jun 2023 11:40
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 06 02:21:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	169045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	297957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	148518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88580	58.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.960%	
35) Dibromofluoromethane	7.805	113	103884	54.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.269	98	402433	53.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.575	95	116283	58.335	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	76822	46.928	ug/l	99
3) Chloromethane	2.146	50	153751	48.877	ug/l	98
4) Vinyl Chloride	2.281	62	192663	46.666	ug/l	95
5) Bromomethane	2.687	94	139823	52.199	ug/l	98
6) Chloroethane	2.834	64	140911	50.932	ug/l	97
7) Trichlorofluoromethane	3.169	101	143097	52.203	ug/l	99
8) Diethyl Ether	3.593	74	55947	62.567	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	94537	53.917	ug/l	99
10) Methyl Iodide	4.158	142	130844	53.623	ug/l	99
11) Tert butyl alcohol	5.052	59	29187	344.797	ug/l	100
12) 1,1-Dichloroethene	3.934	96	96709	51.957	ug/l	97
13) Acrolein	3.799	56	39944	216.892	ug/l	99
14) Allyl chloride	4.558	41	104924	57.370	ug/l	98
15) Acrylonitrile	5.252	53	121227	339.508	ug/l	99
16) Acetone	4.022	43	104186	375.547	ug/l	93
17) Carbon Disulfide	4.263	76	278188	44.808	ug/l	99
18) Methyl Acetate	4.558	43	77773	66.107	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	227316	66.287	ug/l	100
20) Methylene Chloride	4.799	84	132965	59.359	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	118318	54.856	ug/l	98
22) Diisopropyl ether	6.216	45	265738	65.334	ug/l	97
23) Vinyl Acetate	6.152	43	622650	402.521	ug/l	100
24) 1,1-Dichloroethane	6.110	63	189163	56.945	ug/l	98
25) 2-Butanone	7.081	43	130780	340.441	ug/l	97
26) 2,2-Dichloropropane	7.075	77	152978	55.614	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	138610	59.489	ug/l	100
28) Bromochloromethane	7.422	49	76397	99.043	ug/l	99
29) Tetrahydrofuran	7.440	42	77097	340.178	ug/l	98
30) Chloroform	7.593	83	206431	59.212	ug/l	97
31) Cyclohexane	7.875	56	123182	48.441	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	153966	55.458	ug/l	99
36) 1,1-Dichloropropene	8.004	75	136481	50.212	ug/l	98
37) Ethyl Acetate	7.169	43	54384	60.646	ug/l	97
38) Carbon Tetrachloride	7.987	117	122153	51.266	ug/l	95
39) Methylcyclohexane	9.269	83	154031	49.597	ug/l	99
40) Benzene	8.252	78	465007	54.082	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26486	57.972	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	114894	57.858	ug/l	100
43) Isopropyl Acetate	8.357	43	98566	61.330	ug/l	99
44) Trichloroethene	9.028	130	126014	52.415	ug/l	95
45) 1,2-Dichloropropane	9.304	63	115636	57.304	ug/l	96
46) Dibromomethane	9.393	93	67891	59.434	ug/l	99
47) Bromodichloromethane	9.581	83	160231	59.836	ug/l	98
48) Methyl methacrylate	9.375	41	45867	62.998	ug/l	97
49) 1,4-Dioxane	9.381	88	16137	1288.937	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	281748	332.592	ug/l	99
52) Toluene	10.334	92	293466	55.502	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	149011	59.960	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	181195	59.001	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	95623	59.122	ug/l	96
56) Ethyl methacrylate	10.598	69	104360	63.264	ug/l	98
57) 1,3-Dichloropropane	10.881	76	154683	60.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	260588	376.245	ug/l	99
59) 2-Hexanone	10.922	43	207154	356.411	ug/l	99
60) Dibromochloromethane	11.075	129	110363	60.194	ug/l	96
61) 1,2-Dibromoethane	11.181	107	89652	60.918	ug/l	98
64) Tetrachloroethene	10.810	164	101425	49.806	ug/l	96
65) Chlorobenzene	11.604	112	328547	53.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	116266	56.848	ug/l	97
67) Ethyl Benzene	11.687	91	525839	53.566	ug/l	100
68) m/p-Xylenes	11.793	106	441030	108.681	ug/l	97
69) o-Xylene	12.122	106	204485	55.889	ug/l	99
70) Styrene	12.134	104	369747	58.928	ug/l	99
71) Bromoform	12.298	173	67651	61.312	ug/l #	100
73) Isopropylbenzene	12.422	105	486692	51.188	ug/l	100
74) N-amyl acetate	12.234	43	93553	57.380	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	110244	57.923	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	129486	89.925	ug/l #	100
77) Bromobenzene	12.698	156	140773	56.312	ug/l	99
78) n-propylbenzene	12.763	91	607519	51.682	ug/l	100
79) 2-Chlorotoluene	12.851	91	341300	53.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	414702	52.894	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	33708	58.234	ug/l	96
82) 4-Chlorotoluene	12.945	91	362482	53.095	ug/l	100
83) tert-Butylbenzene	13.169	119	339171	51.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	427495	54.595	ug/l	100
85) sec-Butylbenzene	13.345	105	515362	50.963	ug/l	100
86) p-Isopropyltoluene	13.463	119	439671	52.454	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	276083	54.784	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	273395	53.580	ug/l	98
89) n-Butylbenzene	13.792	91	403834	51.835	ug/l	99
90) Hexachloroethane	14.057	117	85145	50.593	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	245607	56.135	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14953	59.471	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	143446	56.408	ug/l	97
94) Hexachlorobutadiene	15.204	225	60901	48.981	ug/l	98
95) Naphthalene	15.334	128	292374	54.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	129397	57.538	ug/l	99

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

