

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\
 Data File : VD075045.D
 Acq On : 22 Dec 2022 12:48
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 22 14:14:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 22 14:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	153338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	269462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	139138	92.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 185.340%#	
35) Dibromofluoromethane	7.805	113	151393	95.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 191.920%#	
50) Toluene-d8	10.269	98	597277	91.924	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 183.840%#	
62) 4-Bromofluorobenzene	12.575	95	188495	89.628	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 179.260%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	70777	87.735	ug/l	100
3) Chloromethane	2.146	50	113397	78.524	ug/l	98
4) Vinyl Chloride	2.275	62	115890	97.412	ug/l	100
5) Bromomethane	2.675	94	52283	88.272	ug/l	99
6) Chloroethane	2.828	64	72360	98.587	ug/l	95
7) Trichlorofluoromethane	3.170	101	184410	96.625	ug/l	96
8) Diethyl Ether	3.587	74	68617	91.033	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.958	101	133545	97.590	ug/l	99
10) Methyl Iodide	4.158	142	126040	116.403	ug/l	99
11) Tert butyl alcohol	5.058	59	51212	362.654	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	122434	90.760	ug/l	86
13) Acrolein	3.793	56	74971	387.840	ug/l	97
14) Allyl chloride	4.558	41	215007	91.340	ug/l #	91
15) Acrylonitrile	5.258	53	174995	447.464	ug/l	99
16) Acetone	4.022	43	189399	492.992	ug/l	98
17) Carbon Disulfide	4.264	76	233466	83.714	ug/l	100
18) Methyl Acetate	4.564	43	80127	71.957	ug/l #	89
19) Methyl tert-butyl Ether	5.322	73	326799	90.442	ug/l	97
20) Methylene Chloride	4.799	84	155505	64.204	ug/l #	82
21) trans-1,2-Dichloroethene	5.311	96	131807	88.611	ug/l #	86
22) Diisopropyl ether	6.216	45	455891	89.685	ug/l	93
23) Vinyl Acetate	6.152	43	1158858	481.780	ug/l #	93
24) 1,1-Dichloroethane	6.111	63	276396	94.219	ug/l	99
25) 2-Butanone	7.081	43	241267	452.496	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	245276	92.256	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	171965	89.992	ug/l	89
28) Bromochloromethane	7.428	49	91924	88.755	ug/l #	78
29) Tetrahydrofuran	7.440	42	133941	430.270	ug/l #	82
30) Chloroform	7.599	83	266978	91.724	ug/l	99
31) Cyclohexane	7.875	56	201491	80.700	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	232078	94.604	ug/l	96
36) 1,1-Dichloropropene	8.010	75	189509	92.428	ug/l	99
37) Ethyl Acetate	7.169	43	94578	93.308	ug/l #	93
38) Carbon Tetrachloride	7.987	117	178216	100.972	ug/l	99
39) Methylcyclohexane	9.269	83	225541	89.801	ug/l	93
40) Benzene	8.252	78	574117	90.801	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	56186	87.725	ug/l	93
42) 1,2-Dichloroethane	8.322	62	146533	92.013	ug/l	99
43) Isopropyl Acetate	8.357	43	188482	89.433	ug/l #	90
44) Trichloroethene	9.028	130	158756	93.154	ug/l	95
45) 1,2-Dichloropropane	9.305	63	158744	92.931	ug/l	94
46) Dibromomethane	9.393	93	75306	90.247	ug/l	97
47) Bromodichloromethane	9.587	83	205229	93.852	ug/l	97
48) Methyl methacrylate	9.381	41	87480	90.636	ug/l	85
49) 1,4-Dioxane	9.387	88	20008	1832.053	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	471650	447.800	ug/l	92
52) Toluene	10.334	92	362338	89.917	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	199178	91.588	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	238996	91.289	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	110827	89.399	ug/l	99
56) Ethyl methacrylate	10.599	69	147023	86.681	ug/l #	78
57) 1,3-Dichloropropane	10.881	76	190275	90.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	313196	466.457	ug/l	94
59) 2-Hexanone	10.922	43	352399	462.031	ug/l	91
60) Dibromochloromethane	11.075	129	131325	92.798	ug/l	99
61) 1,2-Dibromoethane	11.181	107	99947	89.010	ug/l	100
64) Tetrachloroethene	10.810	164	120719	90.095	ug/l	95
65) Chlorobenzene	11.610	112	389376	93.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	136499	94.449	ug/l	98
67) Ethyl Benzene	11.687	91	707968	92.889	ug/l	99
68) m/p-Xylenes	11.793	106	530172	183.375	ug/l	97
69) o-Xylene	12.122	106	256566	90.525	ug/l	97
70) Styrene	12.134	104	425648	90.104	ug/l	96
71) Bromoform	12.298	173	73851	95.123	ug/l #	98
73) Isopropylbenzene	12.422	105	692409	97.323	ug/l	100
74) N-amyl acetate	12.234	43	170586	93.729	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.675	83	120836	91.577	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	90093m	92.500	ug/l	
77) Bromobenzene	12.704	156	144610	95.843	ug/l	91
78) n-propylbenzene	12.763	91	837338	96.018	ug/l	99
79) 2-Chlorotoluene	12.851	91	455252	95.392	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	548660	95.585	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	39216	93.498	ug/l	91
82) 4-Chlorotoluene	12.951	91	460454	92.919	ug/l	96
83) tert-Butylbenzene	13.169	119	489092	96.335	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	525799	94.034	ug/l	99
85) sec-Butylbenzene	13.345	105	746260	96.136	ug/l	99
86) p-Isopropyltoluene	13.463	119	595158	96.571	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	280511	95.181	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	277253	93.948	ug/l	98
89) n-Butylbenzene	13.787	91	596681	96.626	ug/l	99
90) Hexachloroethane	14.057	117	110264	100.813	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	247967	94.779	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	18868	100.789	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	167347	100.069	ug/l	98
94) Hexachlorobutadiene	15.204	225	84717	100.912	ug/l	97
95) Naphthalene	15.334	128	350275	98.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	144140	99.280	ug/l	96

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

