

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075614.D
 Acq On : 10 Apr 2023 18:52
 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: Apr 12 09:56:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 09:55:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	228267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	386265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	366364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	186217	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	181503	96.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.860%#	
35) Dibromofluoromethane	7.805	113	234774	103.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 207.420%#	
50) Toluene-d8	10.269	98	923930	104.055	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 208.120%#	
62) 4-Bromofluorobenzene	12.575	95	273312	104.629	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 209.260%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	148501	92.085	ug/l	97
3) Chloromethane	2.146	50	249438	88.946	ug/l	97
4) Vinyl Chloride	2.281	62	364377	92.810	ug/l	97
5) Bromomethane	2.681	94	305011	97.561	ug/l	97
6) Chloroethane	2.834	64	256498	93.135	ug/l	99
7) Trichlorofluoromethane	3.175	101	316748	94.577	ug/l	100
8) Diethyl Ether	3.593	74	103740	100.289	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.964	101	213100	96.667	ug/l	95
10) Methyl Iodide	4.164	142	284264	107.845	ug/l	91
11) Tert butyl alcohol	5.052	59	43943	496.364	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	211818	100.105	ug/l	84
13) Acrolein	3.799	56	60403	516.005	ug/l	95
14) Allyl chloride	4.564	41	192496	100.802	ug/l #	80
15) Acrylonitrile	5.258	53	198651	501.146	ug/l	95
16) Acetone	4.017	43	163947	480.493	ug/l #	79
17) Carbon Disulfide	4.269	76	529746	96.729	ug/l	98
18) Methyl Acetate	4.564	43	98833	95.976	ug/l #	67
19) Methyl tert-butyl Ether	5.316	73	461031	103.092	ug/l	95
20) Methylene Chloride	4.799	84	270728	103.994	ug/l #	74
21) trans-1,2-Dichloroethene	5.311	96	250484	100.289	ug/l #	73
22) Diisopropyl ether	6.211	45	473662	101.113	ug/l #	88
23) Vinyl Acetate	6.152	43	1182978	538.050	ug/l #	82
24) 1,1-Dichloroethane	6.111	63	375011	96.942	ug/l	96
25) 2-Butanone	7.081	43	218139	492.627	ug/l #	68
26) 2,2-Dichloropropane	7.075	77	340117	95.842	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	301139	102.402	ug/l	78
28) Bromochloromethane	7.422	49	127278	96.295	ug/l #	40
29) Tetrahydrofuran	7.446	42	123394	526.220	ug/l #	51
30) Chloroform	7.599	83	428718	97.418	ug/l	95
31) Cyclohexane	7.875	56	253266	92.963	ug/l #	74
32) 1,1,1-Trichloroethane	7.793	97	360781	98.509	ug/l	94
36) 1,1-Dichloropropene	8.005	75	302935	104.782	ug/l	93
37) Ethyl Acetate	7.169	43	89492	102.958	ug/l #	76
38) Carbon Tetrachloride	7.993	117	287865	103.829	ug/l	97
39) Methylcyclohexane	9.275	83	364318	105.827	ug/l #	87
40) Benzene	8.252	78	967723	103.880	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	49334	103.640	ug/l #	67
42) 1,2-Dichloroethane	8.322	62	218441	100.919	ug/l	88
43) Isopropyl Acetate	8.357	43	174913	105.414	ug/l #	77
44) Trichloroethene	9.028	130	274343	100.541	ug/l	97
45) 1,2-Dichloropropane	9.305	63	218312	100.457	ug/l	95
46) Dibromomethane	9.393	93	136386	101.079	ug/l	94
47) Bromodichloromethane	9.587	83	328431	100.653	ug/l	95
48) Methyl methacrylate	9.381	41	83652	111.244	ug/l #	61
49) 1,4-Dioxane	9.381	88	26038	2128.794	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	465419	521.052	ug/l #	76
52) Toluene	10.334	92	650502	103.388	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	307926	104.112	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	369983	102.882	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	201427	101.231	ug/l	92
56) Ethyl methacrylate	10.599	69	208963	108.955	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	301600	100.666	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	492386	531.002	ug/l #	85
59) 2-Hexanone	10.922	43	329491	523.607	ug/l	69
60) Dibromochloromethane	11.075	129	243207	102.372	ug/l	100
61) 1,2-Dibromoethane	11.181	107	188022	98.868	ug/l	97
64) Tetrachloroethene	10.810	164	227115	103.067	ug/l	97
65) Chlorobenzene	11.604	112	721271	101.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	257347	102.330	ug/l	95
67) Ethyl Benzene	11.687	91	1239169	105.610	ug/l	94
68) m/p-Xylenes	11.793	106	1031478	213.433	ug/l	89
69) o-Xylene	12.122	106	486492	111.820	ug/l	89
70) Styrene	12.134	104	827052	110.846	ug/l	93
71) Bromoform	12.298	173	139446	107.278	ug/l #	98
73) Isopropylbenzene	12.422	105	1217581	105.367	ug/l	98
74) N-amyl acetate	12.234	43	163250	100.728	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	211531	97.865	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	133779m	91.795	ug/l	
77) Bromobenzene	12.704	156	301024	103.204	ug/l	86
78) n-propylbenzene	12.763	91	1444896	103.995	ug/l	96
79) 2-Chlorotoluene	12.851	91	777188	101.139	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	986096	104.195	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	63695	100.168	ug/l #	70
82) 4-Chlorotoluene	12.945	91	803887	100.847	ug/l	91
83) tert-Butylbenzene	13.169	119	881106	107.226	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	1000583	104.696	ug/l	94
85) sec-Butylbenzene	13.345	105	1315718	104.776	ug/l	97
86) p-Isopropyltoluene	13.463	119	1113443	105.482	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	614527	100.895	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	592094	98.293	ug/l	97
89) n-Butylbenzene	13.787	91	990645	103.221	ug/l	96
90) Hexachloroethane	14.051	117	203429	101.881	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	519152	98.883	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	27010	99.897	ug/l	70
93) 1,2,4-Trichlorobenzene	15.098	180	302297	108.561	ug/l	99
94) Hexachlorobutadiene	15.204	225	139501	105.763	ug/l	98
95) Naphthalene	15.334	128	605633	114.546	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	265836	107.750	ug/l	99

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

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