

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075613.D
 Acq On : 10 Apr 2023 18:23
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 12 09:56:19 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	7.881	168	220180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	374516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	410348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	208229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90780	50.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.520%	
35) Dibromofluoromethane	7.804	113	113780	51.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.269	98	450902	52.375	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	12.574	95	151350	59.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	76792	49.367	ug/l	92
3) Chloromethane	2.146	50	132559	49.005	ug/l	98
4) Vinyl Chloride	2.281	62	195973	51.750	ug/l	99
5) Bromomethane	2.693	94	151090	50.103	ug/l	97
6) Chloroethane	2.840	64	132883	50.023	ug/l	96
7) Trichlorofluoromethane	3.175	101	160126	49.568	ug/l	97
8) Diethyl Ether	3.593	74	50111	50.223	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.963	101	105688	49.703	ug/l	96
10) Methyl Iodide	4.169	142	132845	52.251	ug/l	92
11) Tert butyl alcohol	5.063	59	20212	236.693	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	101899	49.926	ug/l	86
13) Acrolein	3.798	56	28817	239.660	ug/l	95
14) Allyl chloride	4.563	41	91381	49.610	ug/l #	81
15) Acrylonitrile	5.257	53	97334	254.568	ug/l	96
16) Acetone	4.022	43	82319	250.120	ug/l #	75
17) Carbon Disulfide	4.275	76	266712	50.489	ug/l	98
18) Methyl Acetate	4.569	43	49609	49.944	ug/l #	70
19) Methyl tert-butyl Ether	5.316	73	222165	51.503	ug/l	99
20) Methylene Chloride	4.804	84	148068	53.981	ug/l #	73
21) trans-1,2-Dichloroethene	5.316	96	122201	50.724	ug/l #	76
22) Diisopropyl ether	6.222	45	234714	51.945	ug/l #	87
23) Vinyl Acetate	6.157	43	575777m	271.498	ug/l	
24) 1,1-Dichloroethane	6.110	63	188830	50.606	ug/l	97
25) 2-Butanone	7.081	43	105975	248.115	ug/l #	64
26) 2,2-Dichloropropane	7.081	77	171475	50.095	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	144083	50.795	ug/l	81
28) Bromochloromethane	7.428	49	62816	49.270	ug/l #	43
29) Tetrahydrofuran	7.445	42	58592	259.046	ug/l #	53
30) Chloroform	7.598	83	216395	50.978	ug/l	97
31) Cyclohexane	7.875	56	126429	48.111	ug/l #	80
32) 1,1,1-Trichloroethane	7.792	97	180918	51.213	ug/l	94
36) 1,1-Dichloropropene	8.010	75	152908	54.549	ug/l	94
37) Ethyl Acetate	7.169	43	44059	52.279	ug/l #	79
38) Carbon Tetrachloride	7.992	117	143050	53.215	ug/l	98
39) Methylcyclohexane	9.275	83	175894	52.697	ug/l #	88
40) Benzene	8.251	78	483551	53.535	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	23887m	51.755	ug/l	
42) 1,2-Dichloroethane	8.328	62	111424	53.093	ug/l	90
43) Isopropyl Acetate	8.357	43	85063	52.873	ug/l #	76
44) Trichloroethene	9.028	130	133296	50.383	ug/l	96
45) 1,2-Dichloropropane	9.304	63	109644	52.036	ug/l	90
46) Dibromomethane	9.392	93	69470	53.101	ug/l	95
47) Bromodichloromethane	9.586	83	163329	51.625	ug/l	99
48) Methyl methacrylate	9.381	41	36663	50.286	ug/l #	55
49) 1,4-Dioxane	9.386	88	12497	1053.773	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	225582	260.469	ug/l #	77
52) Toluene	10.333	92	322856	52.923	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	150810	52.589	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	182650	52.383	ug/l #	75
55) 1,1,2-Trichloroethane	10.733	97	99871	51.767	ug/l	95
56) Ethyl methacrylate	10.598	69	100187	53.877	ug/l #	65
57) 1,3-Dichloropropane	10.880	76	151045	51.996	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	229118	254.838	ug/l #	87
59) 2-Hexanone	10.922	43	161831	265.240	ug/l	71
60) Dibromochloromethane	11.075	129	117380	50.958	ug/l	98
61) 1,2-Dibromoethane	11.180	107	103187	55.961	ug/l	96
64) Tetrachloroethene	10.810	164	110966	44.960	ug/l	97
65) Chlorobenzene	11.610	112	405244	50.876	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.680	131	145172	51.538	ug/l	95
67) Ethyl Benzene	11.686	91	671221	51.074	ug/l	93
68) m/p-Xylenes	11.792	106	555466	102.617	ug/l	88
69) o-Xylene	12.122	106	268499	55.100	ug/l	89
70) Styrene	12.139	104	464094	55.533	ug/l	93
71) Bromoform	12.298	173	81821	56.199	ug/l #	98
73) Isopropylbenzene	12.422	105	672110	52.014	ug/l	97
74) N-amyl acetate	12.233	43	91382	50.424	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.674	83	119152	49.298	ug/l	99
76) 1,2,3-Trichloropropane	12.727	75	62411m	38.298	ug/l	
77) Bromobenzene	12.704	156	174054	53.365	ug/l	84
78) n-propylbenzene	12.763	91	800667	51.536	ug/l	95
79) 2-Chlorotoluene	12.851	91	433608	50.462	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	555190	52.462	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	35921	50.518	ug/l #	70
82) 4-Chlorotoluene	12.945	91	451098	50.608	ug/l	90
83) tert-Butylbenzene	13.169	119	485699	52.859	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	555393	51.970	ug/l	93
85) sec-Butylbenzene	13.345	105	721943	51.414	ug/l	96
86) p-Isopropyltoluene	13.463	119	611417	51.799	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	350352	51.441	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	342590	50.861	ug/l	96
89) n-Butylbenzene	13.786	91	535867	49.933	ug/l	97
90) Hexachloroethane	14.051	117	100049	44.810	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	298398	50.828	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12909	42.697	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	138978	44.634	ug/l	98
94) Hexachlorobutadiene	15.204	225	64836	43.959	ug/l	99
95) Naphthalene	15.333	128	270065	45.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	121561	44.063	ug/l	97

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

