

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078789.D
 Acq On : 29 Mar 2024 12:41
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 29 23:40:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	116488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	192088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	101888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50277	46.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.100%
35) Dibromofluoromethane	7.810	113	61083	49.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.269	98	214939	47.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.575	95	67801	50.953	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	54685	50.440	ug/l	99
3) Chloromethane	2.152	50	78811	46.039	ug/l	99
4) Vinyl Chloride	2.287	62	119046	47.142	ug/l	98
5) Bromomethane	2.699	94	109766	45.399	ug/l	99
6) Chloroethane	2.846	64	96101	48.799	ug/l	92
7) Trichlorofluoromethane	3.181	101	108674	54.398	ug/l	96
8) Diethyl Ether	3.599	74	30432	52.173	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.975	101	67431	53.782	ug/l	98
10) Methyl Iodide	4.169	142	82507	55.632	ug/l	97
11) Tert butyl alcohol	5.058	59	13001	266.111	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	62821	52.708	ug/l	96
13) Acrolein	3.799	56	7519	98.247	ug/l	98
14) Allyl chloride	4.564	41	68895	51.804	ug/l	96
15) Acrylonitrile	5.264	53	63376	269.529	ug/l	97
16) Acetone	4.022	43	56324	266.809	ug/l	99
17) Carbon Disulfide	4.275	76	184009	47.094	ug/l	98
18) Methyl Acetate	4.564	43	27354	60.378	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	138508	57.625	ug/l	96
20) Methylene Chloride	4.805	84	84445	59.610	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	78400	55.746	ug/l	94
22) Diisopropyl ether	6.216	45	172446	57.033	ug/l	98
23) Vinyl Acetate	6.158	43	495052	279.904	ug/l	99
24) 1,1-Dichloroethane	6.116	63	125104	55.186	ug/l	98
25) 2-Butanone	7.087	43	72840	259.529	ug/l	92
26) 2,2-Dichloropropane	7.081	77	107710	56.159	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	90070	56.151	ug/l	99
28) Bromochloromethane	7.428	49	39900	49.369	ug/l	98
29) Tetrahydrofuran	7.452	42	42713	279.803	ug/l	98
30) Chloroform	7.593	83	144674	57.238	ug/l	96
31) Cyclohexane	7.881	56	91438	49.832	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	119721	55.827	ug/l	99
36) 1,1-Dichloropropene	8.010	75	102670	57.215	ug/l	99
37) Ethyl Acetate	7.169	43	32786	55.928	ug/l	96
38) Carbon Tetrachloride	7.993	117	111241	58.803	ug/l	95
39) Methylcyclohexane	9.275	83	113854	54.695	ug/l	98
40) Benzene	8.252	78	313708	57.833	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	17508	56.991	ug/l	93
42) 1,2-Dichloroethane	8.328	62	76125	57.547	ug/l	98
43) Isopropyl Acetate	8.357	43	59277	55.601	ug/l	99
44) Trichloroethene	9.034	130	84459	57.374	ug/l	95
45) 1,2-Dichloropropane	9.305	63	74015	57.520	ug/l	98
46) Dibromomethane	9.399	93	43870	56.874	ug/l	99
47) Bromodichloromethane	9.587	83	108994	59.356	ug/l	97
48) Methyl methacrylate	9.381	41	29718	57.209	ug/l	98
49) 1,4-Dioxane	9.393	88	7864	1101.102	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	159409	286.010	ug/l	98
52) Toluene	10.334	92	202499	57.985	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	95321	56.775	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	117985	58.457	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	60439	58.512	ug/l	98
56) Ethyl methacrylate	10.599	69	62534	60.390	ug/l	96
57) 1,3-Dichloropropane	10.881	76	97485	58.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	126770	277.643	ug/l	100
59) 2-Hexanone	10.922	43	118362	286.472	ug/l	99
60) Dibromochloromethane	11.075	129	74680	58.626	ug/l	100
61) 1,2-Dibromoethane	11.181	107	57178	57.199	ug/l	98
64) Tetrachloroethene	10.810	164	70421	58.049	ug/l	96
65) Chlorobenzene	11.610	112	220987	57.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	85210	60.736	ug/l	98
67) Ethyl Benzene	11.687	91	390895	59.880	ug/l	99
68) m/p-Xylenes	11.793	106	319464	120.516	ug/l	97
69) o-Xylene	12.122	106	147075	59.967	ug/l	98
70) Styrene	12.140	104	261794	63.595	ug/l	98
71) Bromoform	12.298	173	45089	59.470	ug/l #	96
73) Isopropylbenzene	12.422	105	378746	56.459	ug/l	100
74) N-amyl acetate	12.234	43	58132	53.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	64531	51.964	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	44953m	57.266	ug/l	
77) Bromobenzene	12.704	156	97137	58.388	ug/l	95
78) n-propylbenzene	12.763	91	471064	57.689	ug/l	100
79) 2-Chlorotoluene	12.851	91	249755	55.754	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	319703	57.631	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	20411	54.504	ug/l	96
82) 4-Chlorotoluene	12.951	91	263159	55.542	ug/l	99
83) tert-Butylbenzene	13.169	119	278635	58.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	328121	58.693	ug/l	97
85) sec-Butylbenzene	13.345	105	426670	58.943	ug/l	99
86) p-Isopropyltoluene	13.463	119	371685	59.980	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	202927	57.802	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	196440	56.776	ug/l	98
89) n-Butylbenzene	13.787	91	331827	59.292	ug/l	99
90) Hexachloroethane	14.057	117	72183	56.295	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	172947	57.198	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7707	46.393	ug/l	84
93) 1,2,4-Trichlorobenzene	15.104	180	104686	59.325	ug/l	95
94) Hexachlorobutadiene	15.204	225	55672	58.275	ug/l	99
95) Naphthalene	15.334	128	172276	56.152	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	90245	59.114	ug/l	98

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

