

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078800.D
 Acq On : 29 Mar 2024 19:06
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 4.99G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 00:10:13 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	100152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	163095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	159887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52937	56.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.800%
35) Dibromofluoromethane	7.804	113	61149	58.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.460%
50) Toluene-d8	10.269	98	217689	56.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.740%
62) 4-Bromofluorobenzene	12.575	95	68653	60.765	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	121.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	44955	48.228	ug/l	94
3) Chloromethane	2.152	50	75254	51.132	ug/l	99
4) Vinyl Chloride	2.287	62	111609	51.406	ug/l	95
5) Bromomethane	2.693	94	101283	48.723	ug/l	97
6) Chloroethane	2.840	64	91545	54.068	ug/l	98
7) Trichlorofluoromethane	3.181	101	91960	53.540	ug/l	98
8) Diethyl Ether	3.599	74	29032	57.891	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	58298	54.082	ug/l	99
10) Methyl Iodide	4.163	142	71989	56.458	ug/l	95
11) Tert butyl alcohol	5.058	59	13543	322.420	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	54437	53.124	ug/l	92
13) Acrolein	3.799	56	9500	144.379	ug/l #	57
14) Allyl chloride	4.563	41	60316	52.751	ug/l	97
15) Acrylonitrile	5.252	53	64651	319.800	ug/l	96
16) Acetone	4.028	43	46697	257.287	ug/l	96
17) Carbon Disulfide	4.275	76	159795	47.568	ug/l	99
18) Methyl Acetate	4.569	43	28873	74.127	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	133195	64.453	ug/l	98
20) Methylene Chloride	4.805	84	79399	65.696	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	67681	55.974	ug/l	97
22) Diisopropyl ether	6.222	45	158058	60.801	ug/l	98
23) Vinyl Acetate	6.157	43	470465	309.391	ug/l	98
24) 1,1-Dichloroethane	6.116	63	112169	57.551	ug/l	97
25) 2-Butanone	7.081	43	69981	290.013	ug/l	99
26) 2,2-Dichloropropane	7.075	77	87788	53.237	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	78214	56.714	ug/l	99
28) Bromochloromethane	7.428	49	40720	58.602	ug/l	94
29) Tetrahydrofuran	7.446	42	44520	339.211	ug/l	98
30) Chloroform	7.599	83	125775	57.878	ug/l	95
31) Cyclohexane	7.881	56	77379	49.049	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	103247	55.998	ug/l	98
36) 1,1-Dichloropropene	8.010	75	86927	57.054	ug/l	99
37) Ethyl Acetate	7.175	43	30510	61.297	ug/l	97
38) Carbon Tetrachloride	7.993	117	94190	58.640	ug/l	99
39) Methylcyclohexane	9.275	83	101069	57.184	ug/l	95
40) Benzene	8.251	78	272122	59.084	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15053m	57.710	ug/l	
42) 1,2-Dichloroethane	8.322	62	72016	64.118	ug/l	97
43) Isopropyl Acetate	8.363	43	60280	66.593	ug/l	99
44) Trichloroethene	9.028	130	74193	59.360	ug/l	92
45) 1,2-Dichloropropane	9.304	63	68187	62.411	ug/l	96
46) Dibromomethane	9.393	93	42792	65.338	ug/l	97
47) Bromodichloromethane	9.587	83	100489	64.452	ug/l	93
48) Methyl methacrylate	9.381	41	27308	61.915	ug/l	93
49) 1,4-Dioxane	9.393	88	7473	1232.363	ug/l #	73
51) 4-Methyl-2-Pentanone	10.157	43	165431	349.579	ug/l	99
52) Toluene	10.334	92	179381	60.496	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	91743	64.358	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	108415	63.264	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	57544	65.612	ug/l	96
56) Ethyl methacrylate	10.598	69	60644	68.976	ug/l	97
57) 1,3-Dichloropropane	10.875	76	92207	65.156	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	135531	349.598	ug/l	100
59) 2-Hexanone	10.922	43	114946	327.660	ug/l	99
60) Dibromochloromethane	11.075	129	74029	68.445	ug/l	99
61) 1,2-Dibromoethane	11.175	107	55532	65.428	ug/l	100
64) Tetrachloroethene	10.810	164	62244	58.828	ug/l	96
65) Chlorobenzene	11.604	112	197866	59.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	76783	62.751	ug/l	99
67) Ethyl Benzene	11.681	91	345030	60.600	ug/l	100
68) m/p-Xylenes	11.792	106	283432	122.594	ug/l	98
69) o-Xylene	12.122	106	131362	61.410	ug/l	96
70) Styrene	12.134	104	232097	64.644	ug/l	99
71) Bromoform	12.298	173	44659	67.535	ug/l #	94
73) Isopropylbenzene	12.422	105	336615	55.332	ug/l	99
74) N-amyl acetate	12.234	43	58811	59.542	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	66754	59.275	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	42269m	59.377	ug/l	
77) Bromobenzene	12.698	156	90951	60.285	ug/l	94
78) n-propylbenzene	12.763	91	412184	55.662	ug/l	100
79) 2-Chlorotoluene	12.851	91	222840	54.855	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	288114	57.271	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	20407	60.090	ug/l	100
82) 4-Chlorotoluene	12.945	91	240995	56.088	ug/l	99
83) tert-Butylbenzene	13.169	119	255113	58.812	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	294480	58.085	ug/l	97
85) sec-Butylbenzene	13.345	105	380136	57.908	ug/l	100
86) p-Isopropyltoluene	13.463	119	323762	57.613	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	180222	56.607	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	178645	56.936	ug/l	99
89) n-Butylbenzene	13.786	91	289506	57.043	ug/l	98
90) Hexachloroethane	14.057	117	64119	55.142	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	158416	57.773	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8940	59.342	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	91051	56.897	ug/l	99
94) Hexachlorobutadiene	15.204	225	49792	57.473	ug/l	98
95) Naphthalene	15.333	128	176714	63.514	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	84424	60.981	ug/l	98

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

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