

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018167.D
 Acq On : 07 May 2024 11:02
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 08 01:02:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 00:59:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	239876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	392744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	337569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	196437	111.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 222.640%#	
35) Dibromofluoromethane	7.710	113	224642	108.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 217.680%#	
50) Toluene-d8	10.179	98	868302	106.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 213.500%#	
62) 4-Bromofluorobenzene	12.483	95	276861	105.403	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 210.800%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	184222	96.840	ug/l	100
3) Chloromethane	2.107	50	266536	104.668	ug/l	98
4) Vinyl Chloride	2.241	62	319988	103.659	ug/l	97
5) Bromomethane	2.638	94	224268	104.611	ug/l	98
6) Chloroethane	2.784	64	208340	106.345	ug/l	98
7) Trichlorofluoromethane	3.113	101	376576	104.148	ug/l	99
8) Diethyl Ether	3.522	74	129091	108.452	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	234357	101.700	ug/l	98
10) Methyl Iodide	4.082	142	309306	114.944	ug/l	98
11) Tert butyl alcohol	4.948	59	86601	573.677	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	242626	104.589	ug/l	93
13) Acrolein	3.717	56	93682	548.674	ug/l	99
14) Allyl chloride	4.466	41	318700	107.991	ug/l	97
15) Acrylonitrile	5.149	53	257355	562.222	ug/l	99
16) Acetone	3.936	43	210460	597.623	ug/l	95
17) Carbon Disulfide	4.186	76	700105	110.857	ug/l	99
18) Methyl Acetate	4.460	43	153532	153.048	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	563377	109.022	ug/l	99
20) Methylene Chloride	4.704	84	250249	100.536	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	260992	106.135	ug/l	95
22) Diisopropyl ether	6.113	45	661975	105.740	ug/l	97
23) Vinyl Acetate	6.052	43	1987031	522.211	ug/l	100
24) 1,1-Dichloroethane	6.009	63	408039	105.823	ug/l	99
25) 2-Butanone	6.978	43	325371	577.996	ug/l	96
26) 2,2-Dichloropropane	6.978	77	359281	102.951	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	307892	105.948	ug/l	97
28) Bromochloromethane	7.332	49	157468	102.175	ug/l	94
29) Tetrahydrofuran	7.338	42	206621	556.055	ug/l	94
30) Chloroform	7.503	83	422326	104.916	ug/l	99
31) Cyclohexane	7.783	56	349901	104.264	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	371792	103.048	ug/l	98
36) 1,1-Dichloropropene	7.911	75	303233	102.480	ug/l	98
37) Ethyl Acetate	7.070	43	137276	110.227	ug/l #	96
38) Carbon Tetrachloride	7.899	117	335849	103.876	ug/l	98
39) Methylcyclohexane	9.179	83	431990	101.198	ug/l	97
40) Benzene	8.155	78	1002008	105.277	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	76216m	105.979	ug/l	
42) 1,2-Dichloroethane	8.234	62	231877	111.970	ug/l	98
43) Isopropyl Acetate	8.271	43	289080	113.243	ug/l	95
44) Trichloroethene	8.935	130	269867	104.156	ug/l	99
45) 1,2-Dichloropropane	9.216	63	220445	105.941	ug/l	98
46) Dibromomethane	9.301	93	130762	109.312	ug/l	94
47) Bromodichloromethane	9.496	83	325399	110.032	ug/l	99
48) Methyl methacrylate	9.289	41	136257	116.463	ug/l	92
49) 1,4-Dioxane	9.295	88	32715	2060.323	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	736720	574.206	ug/l	95
52) Toluene	10.240	92	640400	104.514	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	310379	112.363	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	370943	109.858	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	178373	108.545	ug/l	97
56) Ethyl methacrylate	10.508	69	248524	111.355	ug/l	90
57) 1,3-Dichloropropane	10.789	76	290382	108.575	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	563700	528.946	ug/l	95
59) 2-Hexanone	10.831	43	523885	583.977	ug/l	94
60) Dibromochloromethane	10.984	129	237188	111.249	ug/l	100
61) 1,2-Dibromoethane	11.087	107	170722	110.299	ug/l	99
64) Tetrachloroethene	10.721	164	232454	103.425	ug/l	98
65) Chlorobenzene	11.514	112	724530	105.383	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	238492	107.241	ug/l	99
67) Ethyl Benzene	11.593	91	1205947	103.886	ug/l	95
68) m/p-Xylenes	11.703	106	960868	209.315	ug/l	97
69) o-Xylene	12.026	106	460326	104.492	ug/l	97
70) Styrene	12.044	104	784650	106.654	ug/l	98
71) Bromoform	12.209	173	138190	112.306	ug/l #	97
73) Isopropylbenzene	12.331	105	1157688	100.647	ug/l	98
74) N-amyl acetate	12.142	43	254528	106.597	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	198030	107.925	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	135386m	110.250	ug/l	
77) Bromobenzene	12.605	156	279620	105.818	ug/l	95
78) n-propylbenzene	12.672	91	1351218	100.996	ug/l	97
79) 2-Chlorotoluene	12.758	91	753477	101.347	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	924965	101.981	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	72279	113.403	ug/l	97
82) 4-Chlorotoluene	12.855	91	773867	103.626	ug/l	96
83) tert-Butylbenzene	13.075	119	848402	101.411	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	918477	103.377	ug/l	98
85) sec-Butylbenzene	13.251	105	1238088	100.891	ug/l	97
86) p-Isopropyltoluene	13.367	119	1032678	102.294	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	529377	103.735	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	523240	105.176	ug/l	99
89) n-Butylbenzene	13.697	91	931526	101.959	ug/l	98
90) Hexachloroethane	13.959	117	205788	103.905	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	461665	105.253	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27251	109.071	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	275314	111.650	ug/l	99
94) Hexachlorobutadiene	15.111	225	141938	104.325	ug/l	97
95) Naphthalene	15.233	128	525753	116.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	232744	115.012	ug/l	99

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

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