

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018893.D
 Acq On : 22 Jul 2024 17:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 23 08:02:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	101819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	158549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	141152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49650	49.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.704	113	49460	49.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.173	98	175980	46.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.560%
62) 4-Bromofluorobenzene	12.477	95	61598	47.944	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	32691	38.317	ug/l	98
3) Chloromethane	2.107	50	51538	39.752	ug/l	97
4) Vinyl Chloride	2.241	62	62727	41.359	ug/l	100
5) Bromomethane	2.637	94	44088	42.261	ug/l	96
6) Chloroethane	2.778	64	41568	42.187	ug/l	98
7) Trichlorofluoromethane	3.101	101	89643	45.232	ug/l	100
8) Diethyl Ether	3.515	74	23030	47.677	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.875	101	45017	44.272	ug/l	95
10) Methyl Iodide	4.070	142	51970	47.462	ug/l	94
11) Tert butyl alcohol	4.942	59	19943	196.492	ug/l #	80
12) 1,1-Dichloroethene	3.851	96	41992	42.688	ug/l	95
13) Acrolein	3.710	56	12077	148.518	ug/l	100
14) Allyl chloride	4.460	41	53678	44.046	ug/l	91
15) Acrylonitrile	5.143	53	49165	258.003	ug/l	98
16) Acetone	3.924	43	51544	279.045	ug/l #	84
17) Carbon Disulfide	4.174	76	111352	40.426	ug/l	100
18) Methyl Acetate	4.454	43	27002	50.310	ug/l	95
19) Methyl tert-butyl Ether	5.198	73	109343	47.916	ug/l	100
20) Methylene Chloride	4.692	84	57417	55.426	ug/l	98
21) trans-1,2-Dichloroethene	5.198	96	45187	43.523	ug/l	92
22) Diisopropyl ether	6.100	45	120059	45.290	ug/l #	90
23) Vinyl Acetate	6.039	43	516694	247.403	ug/l	97
24) 1,1-Dichloroethane	5.991	63	76086	44.954	ug/l	98
25) 2-Butanone	6.972	43	68692	265.302	ug/l	92
26) 2,2-Dichloropropane	6.966	77	69147	44.030	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	55668	46.054	ug/l	99
28) Bromochloromethane	7.320	49	32682	48.076	ug/l	97
29) Tetrahydrofuran	7.332	42	41866	263.749	ug/l	94
30) Chloroform	7.490	83	88373	46.849	ug/l	96
31) Cyclohexane	7.771	56	61424	39.905	ug/l	98
32) 1,1,1-Trichloroethane	7.685	97	80221	45.734	ug/l	98
36) 1,1-Dichloropropene	7.905	75	59260	43.243	ug/l	99
37) Ethyl Acetate	7.057	43	30019	52.700	ug/l	98
38) Carbon Tetrachloride	7.887	117	74162	44.932	ug/l	96
39) Methylcyclohexane	9.173	83	76383	43.494	ug/l	92
40) Benzene	8.143	78	181416	45.634	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15623m	48.106	ug/l	
42) 1,2-Dichloroethane	8.222	62	53716	48.261	ug/l	96
43) Isopropyl Acetate	8.258	43	59680	52.653	ug/l	90
44) Trichloroethene	8.929	130	53082	46.712	ug/l	95
45) 1,2-Dichloropropane	9.203	63	39790	45.963	ug/l	100
46) Dibromomethane	9.295	93	27356	48.752	ug/l	96
47) Bromodichloromethane	9.484	83	67002	47.797	ug/l	97
48) Methyl methacrylate	9.283	41	25176	48.868	ug/l #	89
49) 1,4-Dioxane	9.289	88	6597	1002.932	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	151478	261.759	ug/l	94
52) Toluene	10.234	92	115339	43.651	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	58967	48.720	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	68682	48.371	ug/l	92
55) 1,1,2-Trichloroethane	10.636	97	35968	50.619	ug/l	94
56) Ethyl methacrylate	10.502	69	48960	52.335	ug/l #	87
57) 1,3-Dichloropropane	10.782	76	56602	48.053	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	124433	278.410	ug/l	94
59) 2-Hexanone	10.825	43	110831	273.758	ug/l	91
60) Dibromochloromethane	10.977	129	50703	51.933	ug/l	97
61) 1,2-Dibromoethane	11.081	107	35240	51.013	ug/l	98
64) Tetrachloroethene	10.715	164	53454	46.786	ug/l	99
65) Chlorobenzene	11.508	112	135832	45.618	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.581	131	48584	47.357	ug/l	95
67) Ethyl Benzene	11.587	91	229407	43.979	ug/l	96
68) m/p-Xylenes	11.697	106	179721	87.799	ug/l	97
69) o-Xylene	12.026	106	86624	45.013	ug/l	99
70) Styrene	12.038	104	143677	44.745	ug/l	96
71) Bromoform	12.203	173	28673	51.275	ug/l #	100
73) Isopropylbenzene	12.325	105	225761	42.974	ug/l	98
74) N-amyl acetate	12.142	43	51411	47.852	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	39069	47.174	ug/l	99
76) 1,2,3-Trichloropropane	12.623	75	25835m	45.953	ug/l	
77) Bromobenzene	12.605	156	56527	45.071	ug/l	95
78) n-propylbenzene	12.666	91	268717	43.073	ug/l	96
79) 2-Chlorotoluene	12.752	91	150672	42.952	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	184049	42.817	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	11847	47.161	ug/l #	80
82) 4-Chlorotoluene	12.849	91	151399	41.913	ug/l	95
83) tert-Butylbenzene	13.069	119	173868	43.812	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	181868	42.577	ug/l	98
85) sec-Butylbenzene	13.251	105	245864	43.648	ug/l	97
86) p-Isopropyltoluene	13.367	119	207371	42.643	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	109406	44.416	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	107060	43.853	ug/l	99
89) n-Butylbenzene	13.696	91	188225	42.694	ug/l	97
90) Hexachloroethane	13.959	117	39365	43.527	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	99226	46.634	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6422	47.855	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	61291	47.187	ug/l	98
94) Hexachlorobutadiene	15.111	225	34062	45.496	ug/l	96
95) Naphthalene	15.233	128	111650	50.107	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	52710	47.429	ug/l	100

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

