

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017525.D
 Acq On : 28 Feb 2024 17:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 28 23:15:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59367	44.874	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.740%		
35) Dibromofluoromethane	7.716	113	70507	47.632	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.260%		
50) Toluene-d8	10.185	98	265040	51.211	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.420%		
62) 4-Bromofluorobenzene	12.483	95	82546	50.750	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41638	40.436	ug/l	96
3) Chloromethane	2.101	50	76186	40.493	ug/l	95
4) Vinyl Chloride	2.241	62	99335	41.154	ug/l	100
5) Bromomethane	2.644	94	84521	42.970	ug/l	96
6) Chloroethane	2.784	64	63700	41.834	ug/l	96
7) Trichlorofluoromethane	3.107	101	126239	51.316	ug/l	96
8) Diethyl Ether	3.521	74	34766	48.184	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	64663	45.698	ug/l	98
10) Methyl Iodide	4.082	142	72476	45.640	ug/l	99
11) Tert butyl alcohol	5.003	59	12495	111.186	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	61087	46.324	ug/l	95
13) Acrolein	3.729	56	30801	207.721	ug/l	98
14) Allyl chloride	4.473	41	70551	44.278	ug/l	96
15) Acrylonitrile	5.168	53	59012	198.958	ug/l	99
16) Acetone	3.966	43	47101	183.554	ug/l	97
17) Carbon Disulfide	4.186	76	175186	44.259	ug/l	98
18) Methyl Acetate	4.479	43	26318	42.275	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	138011	44.902	ug/l	97
20) Methylene Chloride	4.710	84	71574	47.164	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	70236	45.489	ug/l	96
22) Diisopropyl ether	6.119	45	175345	47.689	ug/l	92
23) Vinyl Acetate	6.058	43	497412	227.024	ug/l	99
24) 1,1-Dichloroethane	6.015	63	115032	45.793	ug/l	99
25) 2-Butanone	6.990	43	66036	180.577	ug/l	93
26) 2,2-Dichloropropane	6.978	77	94423	44.708	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	80852	46.638	ug/l	96
28) Bromochloromethane	7.332	49	59392	60.034	ug/l	92
29) Tetrahydrofuran	7.356	42	44265	200.799	ug/l	99
30) Chloroform	7.502	83	126226	47.198	ug/l	98
31) Cyclohexane	7.783	56	93363	43.364	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	107755	46.408	ug/l	99
36) 1,1-Dichloropropene	7.917	75	94770	47.452	ug/l	100
37) Ethyl Acetate	7.082	43	40884	51.830	ug/l	96
38) Carbon Tetrachloride	7.899	117	96169	48.046	ug/l	97
39) Methylcyclohexane	9.185	83	110220	45.922	ug/l	97
40) Benzene	8.161	78	285715	48.173	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18207	45.997	ug/l #	93
42) 1,2-Dichloroethane	8.234	62	68415	47.278	ug/l	98
43) Isopropyl Acetate	8.277	43	61642	44.470	ug/l	99
44) Trichloroethene	8.941	130	80961	47.359	ug/l	98
45) 1,2-Dichloropropane	9.216	63	68057	48.230	ug/l	99
46) Dibromomethane	9.307	93	39160	48.491	ug/l	96
47) Bromodichloromethane	9.496	83	95946	48.931	ug/l	98
48) Methyl methacrylate	9.295	41	27654	43.101	ug/l	91
49) 1,4-Dioxane	9.331	88	6747	738.236	ug/l #	68
51) 4-Methyl-2-Pentanone	10.075	43	173020	223.964	ug/l	98
52) Toluene	10.246	92	180334	48.231	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	87401	48.023	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	105453	47.685	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	55003	47.971	ug/l	95
56) Ethyl methacrylate	10.514	69	62559	44.637	ug/l	97
57) 1,3-Dichloropropane	10.795	76	89330	47.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	195109	294.886	ug/l	98
59) 2-Hexanone	10.837	43	120952	227.937	ug/l	98
60) Dibromochloromethane	10.990	129	67619	49.851	ug/l	99
61) 1,2-Dibromoethane	11.093	107	51092	48.354	ug/l	100
64) Tetrachloroethene	10.721	164	82993	45.583	ug/l	98
65) Chlorobenzene	11.520	112	194263	48.248	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	73740	48.886	ug/l	99
67) Ethyl Benzene	11.593	91	342185	48.460	ug/l	98
68) m/p-Xylenes	11.703	106	273061	98.413	ug/l	98
69) o-Xylene	12.032	106	127636	49.584	ug/l	97
70) Styrene	12.044	104	212097	49.639	ug/l	99
71) Bromoform	12.209	173	41409	49.539	ug/l #	98
73) Isopropylbenzene	12.331	105	329592	46.958	ug/l	100
74) N-amyl acetate	12.148	43	55924	45.176	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	58774	48.764	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	38400m	42.779	ug/l	
77) Bromobenzene	12.611	156	78959	46.453	ug/l	95
78) n-propylbenzene	12.672	91	395770	46.993	ug/l	98
79) 2-Chlorotoluene	12.758	91	217961	46.225	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	267827	47.629	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	18127	46.401	ug/l	95
82) 4-Chlorotoluene	12.861	91	225586	46.775	ug/l	97
83) tert-Butylbenzene	13.081	119	238560	48.313	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	264768	47.693	ug/l	98
85) sec-Butylbenzene	13.258	105	353088	46.770	ug/l	99
86) p-Isopropyltoluene	13.373	119	293853	47.549	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	160844	47.144	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	155331	46.830	ug/l	100
89) n-Butylbenzene	13.696	91	262739	46.598	ug/l	99
90) Hexachloroethane	13.965	117	58124	46.913	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	138390	47.955	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7506	44.298	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	76435	50.144	ug/l	100
94) Hexachlorobutadiene	15.117	225	44432	47.212	ug/l	97
95) Naphthalene	15.239	128	132544	45.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	66335	50.728	ug/l	99

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

