

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
 Data File : VY018671.D
 Acq On : 24 Jun 2024 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 01:05:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	154731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	248351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	223681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	78060	50.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.220%	
35) Dibromofluoromethane	7.704	113	86406	57.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.060%	
50) Toluene-d8	10.173	98	320466	55.005	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.020%	
62) 4-Bromofluorobenzene	12.477	95	102810	55.884	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47289	46.403	ug/l	99
3) Chloromethane	2.107	50	94417	44.984	ug/l	98
4) Vinyl Chloride	2.241	62	116315	44.749	ug/l	99
5) Bromomethane	2.637	94	79351	41.072	ug/l	96
6) Chloroethane	2.778	64	75529	44.357	ug/l	98
7) Trichlorofluoromethane	3.107	101	138725	49.561	ug/l	98
8) Diethyl Ether	3.515	74	37867	47.447	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	78973	53.999	ug/l	98
10) Methyl Iodide	4.070	142	89174	50.423	ug/l	98
11) Tert butyl alcohol	4.942	59	27864	99.439	ug/l #	88
12) 1,1-Dichloroethene	3.851	96	74131	50.439	ug/l	99
13) Acrolein	3.710	56	20461	227.126	ug/l	99
14) Allyl chloride	4.454	41	93466	47.172	ug/l	98
15) Acrylonitrile	5.143	53	79623	224.265	ug/l	97
16) Acetone	3.930	43	100047	315.664	ug/l	95
17) Carbon Disulfide	4.180	76	199638	45.020	ug/l	100
18) Methyl Acetate	4.460	43	38655	48.084	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	178863	45.622	ug/l	100
20) Methylene Chloride	4.698	84	83927	41.432	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	81829	48.909	ug/l	95
22) Diisopropyl ether	6.100	45	208505	46.614	ug/l	93
23) Vinyl Acetate	6.039	43	837501	202.240	ug/l	98
24) 1,1-Dichloroethane	6.003	63	135040	46.861	ug/l	100
25) 2-Butanone	6.972	43	121444	255.628	ug/l	98
26) 2,2-Dichloropropane	6.966	77	117398	48.354	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	96338	47.672	ug/l	99
28) Bromochloromethane	7.320	49	52273	44.256	ug/l	97
29) Tetrahydrofuran	7.332	42	65703	225.360	ug/l	97
30) Chloroform	7.496	83	147118	46.845	ug/l	98
31) Cyclohexane	7.777	56	111651	46.789	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	131507	49.290	ug/l	97
36) 1,1-Dichloropropene	7.905	75	105394	50.541	ug/l	99
37) Ethyl Acetate	7.063	43	45867	46.659	ug/l	97
38) Carbon Tetrachloride	7.887	117	118023	53.947	ug/l	99
39) Methylcyclohexane	9.173	83	137665	53.878	ug/l	97
40) Benzene	8.149	78	322306	49.976	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	23033	46.587	ug/l #	75
42) 1,2-Dichloroethane	8.228	62	80266	47.706	ug/l	100
43) Isopropyl Acetate	8.265	43	86352	47.064	ug/l	97
44) Trichloroethene	8.935	130	89284	52.879	ug/l	97
45) 1,2-Dichloropropane	9.209	63	72322	49.043	ug/l	98
46) Dibromomethane	9.295	93	45570	49.802	ug/l	100
47) Bromodichloromethane	9.490	83	111344	50.984	ug/l	100
48) Methyl methacrylate	9.289	41	40454	48.976	ug/l	95
49) 1,4-Dioxane	9.289	88	10775	895.375	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	231408	239.441	ug/l	97
52) Toluene	10.240	92	211492	51.077	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	101079	52.963	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	119601	51.930	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	61393	50.445	ug/l	96
56) Ethyl methacrylate	10.502	69	80963	50.838	ug/l	95
57) 1,3-Dichloropropane	10.788	76	100726	49.823	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	190117	247.282	ug/l	97
59) 2-Hexanone	10.825	43	180850	267.148	ug/l	98
60) Dibromochloromethane	10.977	129	81726	54.057	ug/l	100
61) 1,2-Dibromoethane	11.087	107	58597	52.097	ug/l	99
64) Tetrachloroethene	10.715	164	83773	52.509	ug/l	99
65) Chlorobenzene	11.514	112	235698	51.008	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	80848	52.211	ug/l	99
67) Ethyl Benzene	11.587	91	405554	50.583	ug/l	98
68) m/p-Xylenes	11.697	106	322173	103.267	ug/l	98
69) o-Xylene	12.026	106	154570	51.522	ug/l	95
70) Styrene	12.038	104	256678	51.789	ug/l	99
71) Bromoform	12.203	173	46584	54.826	ug/l #	96
73) Isopropylbenzene	12.325	105	401042	50.462	ug/l	98
74) N-amyl acetate	12.142	43	78013	47.936	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	67129	47.570	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	43678m	42.783	ug/l	
77) Bromobenzene	12.605	156	94676	51.512	ug/l	93
78) n-propylbenzene	12.666	91	466826	50.191	ug/l	97
79) 2-Chlorotoluene	12.752	91	257044	48.958	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	315210	50.044	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	20595	52.841	ug/l	93
82) 4-Chlorotoluene	12.849	91	251896	47.645	ug/l	95
83) tert-Butylbenzene	13.075	119	297608	51.051	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	308766	49.045	ug/l	99
85) sec-Butylbenzene	13.251	105	418067	50.282	ug/l	97
86) p-Isopropyltoluene	13.367	119	352741	50.043	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	186889	50.413	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	178798	49.150	ug/l	99
89) n-Butylbenzene	13.696	91	311926	49.096	ug/l	97
90) Hexachloroethane	13.959	117	69767	54.485	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	161082	50.865	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8907	43.590	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	89321	50.627	ug/l	99
94) Hexachlorobutadiene	15.111	225	49111	54.175	ug/l	99
95) Naphthalene	15.233	128	161475	48.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	74890	50.238	ug/l	98

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

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