

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020664.D
 Acq On : 20 Dec 2024 09:09
 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: Dec 20 18:07:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	162547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	240673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	212145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	119359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	71807	40.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.680%
35) Dibromofluoromethane	7.640	113	73716	43.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.920%
50) Toluene-d8	10.109	98	259216	43.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.320%
62) 4-Bromofluorobenzene	12.408	95	97623	42.036	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	101237	49.863	ug/l	99
3) Chloromethane	2.074	50	65890	43.800	ug/l	98
4) Vinyl Chloride	2.208	62	60443	43.169	ug/l	100
5) Bromomethane	2.605	94	35571	39.522	ug/l	96
6) Chloroethane	2.739	64	34884	40.318	ug/l	96
7) Trichlorofluoromethane	3.068	101	142498	48.639	ug/l	97
8) Diethyl Ether	3.464	74	46033	44.802	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	110942	52.831	ug/l	99
10) Methyl Iodide	4.013	142	131655	56.311	ug/l	99
11) Tert butyl alcohol	4.860	59	40751	212.136	ug/l	99
12) 1,1-Dichloroethene	3.793	96	104993	51.529	ug/l	97
13) Acrolein	3.659	56	10168	120.792	ug/l	96
14) Allyl chloride	4.391	41	192684	53.969	ug/l	99
15) Acrylonitrile	5.068	53	125271	254.850	ug/l	99
16) Acetone	3.873	43	90623	256.402	ug/l	96
17) Carbon Disulfide	4.116	76	360666	54.380	ug/l	99
18) Methyl Acetate	4.391	43	65339	53.944	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	272592	51.833	ug/l	100
20) Methylene Chloride	4.622	84	113838	51.431	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	120568	52.751	ug/l	99
22) Diisopropyl ether	6.025	45	385510	53.195	ug/l	97
23) Vinyl Acetate	5.964	43	1068233	260.253	ug/l	99
24) 1,1-Dichloroethane	5.927	63	224983	52.991	ug/l	99
25) 2-Butanone	6.896	43	158594	239.715	ug/l	100
26) 2,2-Dichloropropane	6.890	77	201830	50.287	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	137382	52.244	ug/l	99
28) Bromochloromethane	7.250	49	72076	50.330	ug/l	99
29) Tetrahydrofuran	7.268	42	104646	250.559	ug/l	100
30) Chloroform	7.427	83	227859	53.857	ug/l	98
31) Cyclohexane	7.707	56	199490	49.141	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	206129	52.846	ug/l	100
36) 1,1-Dichloropropene	7.841	75	169048	54.656	ug/l	100
37) Ethyl Acetate	6.988	43	73443	50.481	ug/l	99
38) Carbon Tetrachloride	7.823	117	190940	55.798	ug/l	99
39) Methylcyclohexane	9.116	83	216273	53.650	ug/l	97
40) Benzene	8.085	78	496803	54.799	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	39064	50.789	ug/l	93
42) 1,2-Dichloroethane	8.165	62	129790	53.978	ug/l	99
43) Isopropyl Acetate	8.201	43	146927	53.344	ug/l #	89
44) Trichloroethene	8.866	130	120106	53.915	ug/l	98
45) 1,2-Dichloropropane	9.146	63	114657	54.113	ug/l	100
46) Dibromomethane	9.231	93	60564	54.086	ug/l	99
47) Bromodichloromethane	9.427	83	165285	54.644	ug/l	99
48) Methyl methacrylate	9.225	41	69098	52.772	ug/l	99
49) 1,4-Dioxane	9.231	88	12610	981.949	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	372513	256.228	ug/l	100
52) Toluene	10.176	92	310772	55.159	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	153061	54.306	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	185052	55.407	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	80376	54.290	ug/l	97
56) Ethyl methacrylate	10.439	69	116828	54.394	ug/l	97
57) 1,3-Dichloropropane	10.719	76	143193	54.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	242438	268.265	ug/l	99
59) 2-Hexanone	10.762	43	246134	263.689	ug/l	100
60) Dibromochloromethane	10.914	129	109346	55.226	ug/l	99
61) 1,2-Dibromoethane	11.018	107	73670	53.496	ug/l	98
64) Tetrachloroethene	10.652	164	107671	53.958	ug/l	97
65) Chlorobenzene	11.444	112	323124	54.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	114100	56.252	ug/l	98
67) Ethyl Benzene	11.524	91	607565	55.519	ug/l	97
68) m/p-Xylenes	11.633	106	444911	109.344	ug/l	99
69) o-Xylene	11.957	106	208015	54.792	ug/l	97
70) Styrene	11.975	104	349665	55.127	ug/l	99
71) Bromoform	12.133	173	63758	55.908	ug/l #	98
73) Isopropylbenzene	12.255	105	571028	54.823	ug/l	99
74) N-amyl acetate	12.072	43	126874	52.048	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	90544	53.553	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	62731m	50.593	ug/l	
77) Bromobenzene	12.536	156	121520	53.559	ug/l	99
78) n-propylbenzene	12.597	91	691545	55.107	ug/l	100
79) 2-Chlorotoluene	12.682	91	382585	54.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	460381	54.473	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	32476	54.979	ug/l	99
82) 4-Chlorotoluene	12.780	91	394546	53.864	ug/l	100
83) tert-Butylbenzene	12.999	119	425908	55.644	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	454208	54.789	ug/l	99
85) sec-Butylbenzene	13.182	105	615306	55.289	ug/l	99
86) p-Isopropyltoluene	13.298	119	507405	55.299	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	240167	53.623	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	233518	52.643	ug/l	99
89) n-Butylbenzene	13.621	91	482377	55.471	ug/l	99
90) Hexachloroethane	13.883	117	99835	54.904	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	205065	52.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13979	50.926	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	121126	51.603	ug/l	100
94) Hexachlorobutadiene	15.029	225	83298	54.285	ug/l	99
95) Naphthalene	15.151	128	204937	50.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	100879	50.866	ug/l	99

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

