

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121324\
 Data File : VY020598.D
 Acq On : 13 Dec 2024 09:36
 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 13 22:25:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	196884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	309356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	250987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	119135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	94169	47.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.060%
35) Dibromofluoromethane	7.652	113	98301	50.474	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.940%
50) Toluene-d8	10.115	98	357962	48.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.414	95	122695	47.305	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	90528	47.138	ug/l	99
3) Chloromethane	2.080	50	104037	53.503	ug/l	99
4) Vinyl Chloride	2.221	62	111186	56.082	ug/l	99
5) Bromomethane	2.617	94	62715	53.913	ug/l	94
6) Chloroethane	2.751	64	69096	56.863	ug/l	96
7) Trichlorofluoromethane	3.080	101	181669	48.925	ug/l	98
8) Diethyl Ether	3.476	74	53007	50.383	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.836	101	112004	51.769	ug/l	97
10) Methyl Iodide	4.025	142	123361	50.791	ug/l	99
11) Tert butyl alcohol	4.885	59	33810	260.296	ug/l #	86
12) 1,1-Dichloroethene	3.812	96	104759	51.257	ug/l	95
13) Acrolein	3.672	56	19430	159.770	ug/l	97
14) Allyl chloride	4.403	41	187557	51.453	ug/l	94
15) Acrylonitrile	5.086	53	109857	250.611	ug/l	99
16) Acetone	3.885	43	148040	297.341	ug/l	98
17) Carbon Disulfide	4.129	76	292038	49.925	ug/l	99
18) Methyl Acetate	4.403	43	55700	52.636	ug/l	98
19) Methyl tert-butyl Ether	5.141	73	256833	49.207	ug/l	99
20) Methylene Chloride	4.641	84	109885	51.883	ug/l	97
21) trans-1,2-Dichloroethene	5.141	96	113244	49.886	ug/l	95
22) Diisopropyl ether	6.037	45	384990	53.113	ug/l	98
23) Vinyl Acetate	5.982	43	994509	259.393	ug/l	99
24) 1,1-Dichloroethane	5.939	63	221200	50.689	ug/l	99
25) 2-Butanone	6.915	43	171219	272.342	ug/l	98
26) 2,2-Dichloropropane	6.903	77	202015	48.944	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	133505	50.366	ug/l	98
28) Bromochloromethane	7.262	49	93184	57.181	ug/l	97
29) Tetrahydrofuran	7.281	42	90162	251.385	ug/l	99
30) Chloroform	7.439	83	220947	49.333	ug/l	98
31) Cyclohexane	7.720	56	192209	48.720	ug/l	97
32) 1,1,1-Trichloroethane	7.634	97	205238	47.590	ug/l	97
36) 1,1-Dichloropropene	7.854	75	161320	49.051	ug/l	99
37) Ethyl Acetate	7.000	43	65554	50.312	ug/l	98
38) Carbon Tetrachloride	7.835	117	182845	46.582	ug/l	97
39) Methylcyclohexane	9.122	83	206064	50.492	ug/l	97
40) Benzene	8.098	78	477273	49.220	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	35456	47.868	ug/l	94
42) 1,2-Dichloroethane	8.171	62	120678	47.363	ug/l	100
43) Isopropyl Acetate	8.207	43	129706	49.298	ug/l	96
44) Trichloroethene	8.878	130	118194	49.444	ug/l	95
45) 1,2-Dichloropropane	9.152	63	112498	49.578	ug/l	99
46) Dibromomethane	9.244	93	54606	48.604	ug/l	97
47) Bromodichloromethane	9.433	83	160540	48.500	ug/l	99
48) Methyl methacrylate	9.231	41	61590	50.200	ug/l	96
49) 1,4-Dioxane	9.244	88	10986	1023.000	ug/l	98
51) 4-Methyl-2-Pentanone	10.006	43	325841	250.775	ug/l	99
52) Toluene	10.183	92	297070	49.103	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	144301	48.558	ug/l	99
54) cis-1,3-Dichloropropene	9.866	75	175928	50.092	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	73621	49.123	ug/l	99
56) Ethyl methacrylate	10.445	69	104042	49.063	ug/l	97
57) 1,3-Dichloropropane	10.725	76	134647	50.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	246096	247.864	ug/l	98
59) 2-Hexanone	10.768	43	245014	261.389	ug/l	97
60) Dibromochloromethane	10.920	129	102296	49.026	ug/l	99
61) 1,2-Dibromoethane	11.024	107	66026	48.175	ug/l	98
64) Tetrachloroethene	10.658	164	102706	48.429	ug/l	98
65) Chlorobenzene	11.451	112	310418	49.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	110269	49.424	ug/l	98
67) Ethyl Benzene	11.530	91	580105	49.194	ug/l	100
68) m/p-Xylenes	11.640	106	422072	97.748	ug/l	99
69) o-Xylene	11.963	106	199300	49.268	ug/l	100
70) Styrene	11.981	104	331270	49.085	ug/l	100
71) Bromoform	12.139	173	55278	48.731	ug/l #	99
73) Isopropylbenzene	12.261	105	550106	47.724	ug/l	99
74) N-amyl acetate	12.079	43	109291	48.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	79091	47.712	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	64643m	53.265	ug/l	
77) Bromobenzene	12.542	156	114489	47.961	ug/l	96
78) n-propylbenzene	12.603	91	661858	48.496	ug/l	99
79) 2-Chlorotoluene	12.688	91	367486	47.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	441562	47.802	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	28409	48.031	ug/l	94
82) 4-Chlorotoluene	12.786	91	369259	46.987	ug/l	100
83) tert-Butylbenzene	13.005	119	395569	47.365	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	427558	47.621	ug/l	99
85) sec-Butylbenzene	13.188	105	581251	48.564	ug/l	99
86) p-Isopropyltoluene	13.304	119	484060	48.942	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	223931	48.642	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	216496	48.037	ug/l	100
89) n-Butylbenzene	13.627	91	458906	50.027	ug/l	99
90) Hexachloroethane	13.889	117	93978	48.756	ug/l	96
91) 1,2-Dichlorobenzene	13.670	146	187649	48.065	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11052	44.041	ug/l	95
93) 1,2,4-Trichlorobenzene	14.932	180	108934	49.622	ug/l	99
94) Hexachlorobutadiene	15.035	225	77758	50.631	ug/l	99
95) Naphthalene	15.157	128	172459	48.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	88911	50.193	ug/l	98

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

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

