

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020455.D
 Acq On : 27 Nov 2024 10:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 28 00:56:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	165766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	266214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	224244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	103151	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	86800	45.577	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.160%
35) Dibromofluoromethane	7.646	113	79256	46.429	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.860%
50) Toluene-d8	10.115	98	314385	46.753	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.500%
62) 4-Bromofluorobenzene	12.414	95	105355	48.738	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	97867	60.824	ug/l	100
3) Chloromethane	2.074	50	97002	45.613	ug/l	98
4) Vinyl Chloride	2.214	62	95905	43.447	ug/l	100
5) Bromomethane	2.610	94	56095	50.883	ug/l	98
6) Chloroethane	2.745	64	58280	45.259	ug/l	100
7) Trichlorofluoromethane	3.074	101	172308	56.173	ug/l	98
8) Diethyl Ether	3.464	74	49774	51.428	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.830	101	96000	52.551	ug/l	98
10) Methyl Iodide	4.019	142	118206	48.308	ug/l	94
11) Tert butyl alcohol	4.878	59	31145	221.365	ug/l	99
12) 1,1-Dichloroethene	3.805	96	94878	52.468	ug/l	94
13) Acrolein	3.659	56	32176	272.848	ug/l	99
14) Allyl chloride	4.397	41	169604	48.503	ug/l	96
15) Acrylonitrile	5.067	53	109057	254.904	ug/l	99
16) Acetone	3.879	43	132212	289.586	ug/l	99
17) Carbon Disulfide	4.122	76	316659	51.977	ug/l	98
18) Methyl Acetate	4.397	43	54209	50.937	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	250394	53.304	ug/l	99
20) Methylene Chloride	4.634	84	99082	51.247	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	106056	52.806	ug/l	96
22) Diisopropyl ether	6.031	45	332380	48.233	ug/l	99
23) Vinyl Acetate	5.976	43	939367	243.928	ug/l	98
24) 1,1-Dichloroethane	5.927	63	195382	50.223	ug/l	100
25) 2-Butanone	6.902	43	162330	276.182	ug/l	99
26) 2,2-Dichloropropane	6.896	77	180860	56.248	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	119373	53.962	ug/l	98
28) Bromochloromethane	7.256	49	69527	42.464	ug/l	95
29) Tetrahydrofuran	7.274	42	88052	250.652	ug/l	98
30) Chloroform	7.433	83	197354	52.535	ug/l	95
31) Cyclohexane	7.713	56	175832	49.528	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	188303	57.087	ug/l	98
36) 1,1-Dichloropropene	7.847	75	147856	56.709	ug/l	100
37) Ethyl Acetate	7.000	43	64183	53.738	ug/l	97
38) Carbon Tetrachloride	7.829	117	176623	64.881	ug/l	98
39) Methylcyclohexane	9.115	83	189193	57.981	ug/l	96
40) Benzene	8.091	78	431835	56.517	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	34901	51.356	ug/l	96
42) 1,2-Dichloroethane	8.164	62	121979	59.144	ug/l	99
43) Isopropyl Acetate	8.201	43	128487	55.318	ug/l	97
44) Trichloroethene	8.872	130	107014	59.113	ug/l	100
45) 1,2-Dichloropropane	9.152	63	100563	55.164	ug/l	98
46) Dibromomethane	9.237	93	52929	56.647	ug/l	98
47) Bromodichloromethane	9.432	83	149023	57.776	ug/l	100
48) Methyl methacrylate	9.225	41	62783	56.537	ug/l	97
49) 1,4-Dioxane	9.237	88	10819	1125.485	ug/l	98
51) 4-Methyl-2-Pentanone	10.005	43	324070	274.931	ug/l	98
52) Toluene	10.176	92	272518	58.353	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	141628	58.065	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	163911	58.705	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	68146	54.945	ug/l	99
56) Ethyl methacrylate	10.444	69	103787	55.721	ug/l	96
57) 1,3-Dichloropropane	10.719	76	125718	56.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	249416	282.402	ug/l	97
59) 2-Hexanone	10.768	43	243963	292.288	ug/l	97
60) Dibromochloromethane	10.920	129	95327	59.630	ug/l	98
61) 1,2-Dibromoethane	11.017	107	64799	56.382	ug/l	100
64) Tetrachloroethene	10.652	164	92677	57.334	ug/l	99
65) Chlorobenzene	11.450	112	281825	56.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	98576	59.018	ug/l	98
67) Ethyl Benzene	11.523	91	531533	57.625	ug/l	100
68) m/p-Xylenes	11.633	106	387761	116.707	ug/l	98
69) o-Xylene	11.962	106	182480	57.906	ug/l	98
70) Styrene	11.975	104	305289	58.308	ug/l	98
71) Bromoform	12.139	173	54221	62.288	ug/l #	99
73) Isopropylbenzene	12.261	105	495366	56.691	ug/l	99
74) N-amyl acetate	12.078	43	110919	52.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	75839	53.702	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	56253m	57.860	ug/l	
77) Bromobenzene	12.536	156	104087	56.855	ug/l	98
78) n-propylbenzene	12.603	91	590389	56.298	ug/l	98
79) 2-Chlorotoluene	12.688	91	332339	55.118	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	398565	56.438	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	28936	58.318	ug/l	96
82) 4-Chlorotoluene	12.785	91	341675	54.907	ug/l	98
83) tert-Butylbenzene	13.005	119	362066	58.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	395411	56.477	ug/l	99
85) sec-Butylbenzene	13.182	105	519673	52.895	ug/l	100
86) p-Isopropyltoluene	13.298	119	434437	57.191	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	201281	54.375	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	197218	55.762	ug/l	99
89) n-Butylbenzene	13.627	91	403547	55.475	ug/l	99
90) Hexachloroethane	13.889	117	82736	56.431	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	171873	55.728	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11835	51.071	ug/l	96
93) 1,2,4-Trichlorobenzene	14.931	180	100282	53.776	ug/l	98
94) Hexachlorobutadiene	15.035	225	68318	60.019	ug/l	100
95) Naphthalene	15.151	128	173879	54.142	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	83015	52.065	ug/l	99

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

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