

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014595.D
 Acq On : 07 Jul 2023 09:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 08 03:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	355018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	509455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	470392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	241170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	169862	48.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.200%
35) Dibromofluoromethane	7.716	113	160804	51.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.520%
50) Toluene-d8	10.179	98	621532	50.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.477	95	204687	47.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.060%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	125066	49.099	ug/l	100
3) Chloromethane	2.113	50	187735	45.660	ug/l	98
4) Vinyl Chloride	2.247	62	222634	46.976	ug/l	95
5) Bromomethane	2.637	94	157579	42.880	ug/l	98
6) Chloroethane	2.784	64	142780	46.789	ug/l	95
7) Trichlorofluoromethane	3.119	101	265155	46.067	ug/l	100
8) Diethyl Ether	3.527	74	93139	42.736	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	167944	48.860	ug/l	96
10) Methyl Iodide	4.088	142	183816	46.863	ug/l	92
11) Tert butyl alcohol	4.942	59	123194	197.249	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	154060	46.266	ug/l	92
13) Acrolein	3.728	56	107735	229.951	ug/l	98
14) Allyl chloride	4.472	41	235925	47.007	ug/l	88
15) Acrylonitrile	5.155	53	281266	224.809	ug/l	98
16) Acetone	3.942	43	320200	290.324	ug/l	89
17) Carbon Disulfide	4.186	76	466003	45.923	ug/l	99
18) Methyl Acetate	4.472	43	214153	42.655	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	431411	45.078	ug/l	97
20) Methylene Chloride	4.710	84	182990	45.485	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	174934	46.411	ug/l	94
22) Diisopropyl ether	6.112	45	520313	50.312	ug/l	91
23) Vinyl Acetate	6.057	43	1501412	250.931	ug/l	95
24) 1,1-Dichloroethane	6.009	63	315791	48.640	ug/l	99
25) 2-Butanone	6.978	43	410387	251.300	ug/l	94
26) 2,2-Dichloropropane	6.978	77	273287	49.385	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	198740	46.482	ug/l	95
28) Bromochloromethane	7.325	49	144856	53.136	ug/l	94
29) Tetrahydrofuran	7.344	42	244453	232.071	ug/l	90
30) Chloroform	7.502	83	325279	48.029	ug/l	97
31) Cyclohexane	7.783	56	270242	48.774	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	274892	47.486	ug/l	99
36) 1,1-Dichloropropene	7.911	75	250965	52.237	ug/l	99
37) Ethyl Acetate	7.069	43	159716	48.475	ug/l #	93
38) Carbon Tetrachloride	7.892	117	251271	50.100	ug/l	98
39) Methylcyclohexane	9.185	83	297255	51.763	ug/l	96
40) Benzene	8.155	78	712659	49.003	ug/l	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M

Quant Title : SW846 8260

QLast Update : Fri Jun 30 19:02:11 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	85395m	53.052	ug/l	95
42) 1,2-Dichloroethane	8.234	62	212288	49.663	ug/l	93
43) Isopropyl Acetate	8.270	43	271398	48.606	ug/l	99
44) Trichloroethene	8.935	130	192845	47.564	ug/l	99
45) 1,2-Dichloropropane	9.215	63	193382	51.833	ug/l	96
46) Dibromomethane	9.301	93	111247	48.980	ug/l	98
47) Bromodichloromethane	9.496	83	252519	50.459	ug/l	82
48) Methyl methacrylate	9.288	41	130563	51.420	ug/l #	56
49) 1,4-Dioxane	9.295	88	36638	903.354	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	813307	246.033	ug/l	98
52) Toluene	10.240	92	444876	48.611	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	262233	49.001	ug/l	87
54) cis-1,3-Dichloropropene	9.922	75	300294	50.293	ug/l #	98
55) 1,1,2-Trichloroethane	10.642	97	158579	47.983	ug/l	82
56) Ethyl methacrylate	10.508	69	222355	49.460	ug/l #	100
57) 1,3-Dichloropropane	10.788	76	264885	49.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	557764	256.097	ug/l	88
59) 2-Hexanone	10.831	43	619147	259.286	ug/l	100
60) Dibromochloromethane	10.983	129	187473	48.411	ug/l	99
61) 1,2-Dibromoethane	11.087	107	156390	48.470	ug/l	97
64) Tetrachloroethene	10.715	164	199834	47.523	ug/l	99
65) Chlorobenzene	11.514	112	482399	48.122	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	187538	49.222	ug/l	98
67) Ethyl Benzene	11.593	91	861561	50.399	ug/l	96
68) m/p-Xylenes	11.697	106	675191	99.572	ug/l	96
69) o-Xylene	12.026	106	316117	49.152	ug/l	96
70) Styrene	12.044	104	557414	50.375	ug/l	99
71) Bromoform	12.203	173	135434	46.789	ug/l #	99
73) Isopropylbenzene	12.331	105	803332	50.860	ug/l	87
74) N-amyl acetate	12.142	43	246556	51.721	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	197903	48.825	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	141888m	50.136	ug/l	97
77) Bromobenzene	12.605	156	209177	48.487	ug/l	99
78) n-propylbenzene	12.672	91	999392	51.870	ug/l	97
79) 2-Chlorotoluene	12.751	91	553917	49.956	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	679085	50.786	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.373	75	69057	47.495	ug/l	98
82) 4-Chlorotoluene	12.855	91	575618	49.552	ug/l	97
83) tert-Butylbenzene	13.074	119	583391	49.644	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	664860	49.828	ug/l	99
85) sec-Butylbenzene	13.251	105	885517	51.065	ug/l	97
86) p-Isopropyltoluene	13.367	119	750345	51.417	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	407174	48.272	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	401923	47.546	ug/l	98
89) n-Butylbenzene	13.696	91	696192	51.621	ug/l	88
90) Hexachloroethane	13.958	117	147074	50.878	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	371445	48.616	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32143	43.315	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	244248	49.494	ug/l	98
94) Hexachlorobutadiene	15.111	225	160943	53.064	ug/l	100
95) Naphthalene	15.233	128	486320	46.320	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	220962	49.142	ug/l	

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Supervised By :Mahesh
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Supervised By :Mahesh
Dadoda

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