

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015367.D
 Acq On : 30 Aug 2023 10:13
 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: Aug 31 00:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

09/01/2023
 Supervised By : Mahesh
 Dadoda

09/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	182855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	302449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143228	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.143	65	103572	52.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.680%	
35) Dibromofluoromethane	7.716	113	91841	52.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.440%	
50) Toluene-d8	10.179	98	322979	51.197	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	12.483	95	124331	53.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.180%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	79336	49.913	ug/l	96
3) Chloromethane	2.107	50	109925	52.074	ug/l	100
4) Vinyl Chloride	2.247	62	124717	50.759	ug/l	99
5) Bromomethane	2.638	94	92375	52.838	ug/l	98
6) Chloroethane	2.784	64	81885	50.703	ug/l	97
7) Trichlorofluoromethane	3.119	101	171064	49.220	ug/l	99
8) Diethyl Ether	3.528	74	62815	52.885	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	94886	49.258	ug/l	95
10) Methyl Iodide	4.088	142	120271	53.167	ug/l	98
11) Tert butyl alcohol	4.966	59	122315	269.108	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	89579	49.281	ug/l	92
13) Acrolein	3.729	56	148140	271.006	ug/l	98
14) Allyl chloride	4.479	41	152375	52.651	ug/l	97
15) Acrylonitrile	5.161	53	198009	264.930	ug/l	99
16) Acetone	3.948	43	254763	311.382	ug/l	95
17) Carbon Disulfide	4.186	76	277141	51.000	ug/l	99
18) Methyl Acetate	4.479	43	155456	52.458	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	310547	52.566	ug/l	100
20) Methylene Chloride	4.710	84	136719	52.575	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	106894	51.069	ug/l	97
22) Diisopropyl ether	6.119	45	329339	52.032	ug/l	92
23) Vinyl Acetate	6.058	43	1088448	308.407	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	184422	50.403	ug/l	98
25) 2-Butanone	6.984	43	329581	284.015	ug/l	98
26) 2,2-Dichloropropane	6.984	77	171858	55.300	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	121927	51.348	ug/l	96
28) Bromochloromethane	7.332	49	55815	49.744	ug/l	96
29) Tetrahydrofuran	7.344	42	194779	267.288	ug/l	93
30) Chloroform	7.503	83	195858	50.920	ug/l	97
31) Cyclohexane	7.783	56	165524	47.538	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	172800	50.297	ug/l	98
36) 1,1-Dichloropropene	7.917	75	150508	49.204	ug/l	99
37) Ethyl Acetate	7.076	43	123426	52.319	ug/l #	95
38) Carbon Tetrachloride	7.899	117	155114	49.099	ug/l	100
39) Methylcyclohexane	9.185	83	190156	49.379	ug/l	94
40) Benzene	8.161	78	427827	50.132	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	59209m	48.935	ug/l	
42) 1,2-Dichloroethane	8.234	62	142387	50.035	ug/l	95
43) Isopropyl Acetate	8.271	43	216804	53.146	ug/l	97
44) Trichloroethene	8.941	130	118635	49.133	ug/l	100
45) 1,2-Dichloropropane	9.216	63	108675	50.515	ug/l	94
46) Dibromomethane	9.307	93	72557	50.773	ug/l	96
47) Bromodichloromethane	9.496	83	156757	51.294	ug/l	100
48) Methyl methacrylate	9.295	41	96795	51.715	ug/l	93
49) 1,4-Dioxane	9.301	88	27930	1052.212	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	635335	267.954	ug/l	94
52) Toluene	10.246	92	280457	51.273	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	175372	53.996	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	185946	52.631	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	98716	51.267	ug/l	98
56) Ethyl methacrylate	10.508	69	154848	54.267	ug/l	91
57) 1,3-Dichloropropane	10.788	76	170917	51.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	259216	254.511	ug/l	95
59) 2-Hexanone	10.831	43	496052	278.818	ug/l	93
60) Dibromochloromethane	10.984	129	120709	53.559	ug/l	99
61) 1,2-Dibromoethane	11.087	107	102199	52.380	ug/l	99
64) Tetrachloroethene	10.721	164	121501	48.508	ug/l	99
65) Chlorobenzene	11.520	112	302209	50.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	112632	51.749	ug/l	99
67) Ethyl Benzene	11.593	91	542731	50.828	ug/l	98
68) m/p-Xylenes	11.703	106	420195	101.525	ug/l	97
69) o-Xylene	12.032	106	201537	50.952	ug/l	98
70) Styrene	12.044	104	345158	51.897	ug/l	98
71) Bromoform	12.209	173	81488	53.672	ug/l #	99
73) Isopropylbenzene	12.331	105	531560	49.409	ug/l	100
74) N-amyl acetate	12.142	43	197083	54.527	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	133862	52.123	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	87510m	46.264	ug/l	
77) Bromobenzene	12.611	156	126989	49.838	ug/l	95
78) n-propylbenzene	12.672	91	649789	49.915	ug/l	100
79) 2-Chlorotoluene	12.758	91	361169	49.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	447326	49.711	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	47527	55.197	ug/l	97
82) 4-Chlorotoluene	12.855	91	384643	50.688	ug/l	99
83) tert-Butylbenzene	13.075	119	383886	48.706	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	444744	49.778	ug/l	97
85) sec-Butylbenzene	13.251	105	584360	49.708	ug/l	100
86) p-Isopropyltoluene	13.367	119	489997	49.732	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	252541	50.203	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	251868	49.532	ug/l	99
89) n-Butylbenzene	13.697	91	462904	49.917	ug/l	97
90) Hexachloroethane	13.959	117	90351	51.273	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	232135	50.567	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26805	52.762	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	149761	51.947	ug/l	98
94) Hexachlorobutadiene	15.111	225	77976	49.601	ug/l	97
95) Naphthalene	15.239	128	379709	53.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	136286	51.826	ug/l	99

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

Manual Integrations

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