

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015231.D
 Acq On : 21 Aug 2023 20:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 22 01:59:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/22/2023
 Supervised By :Mahesh Dadoda 08/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	172388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116711	56.400	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.800%			
35) Dibromofluoromethane	7.716	113	101110	54.741	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.480%			
50) Toluene-d8	10.179	98	359089	52.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.460%			
62) 4-Bromofluorobenzene	12.483	95	131579	52.394	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	34626	46.558	ug/l	92
3) Chloromethane	2.107	50	50626	49.106	ug/l	97
4) Vinyl Chloride	2.247	62	65434	47.701	ug/l	99
5) Bromomethane	2.631	94	54316	57.789	ug/l	98
6) Chloroethane	2.784	64	51264	51.473	ug/l	98
7) Trichlorofluoromethane	3.113	101	116620	50.454	ug/l	98
8) Diethyl Ether	3.521	74	48439	53.435	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	72337	50.355	ug/l	96
10) Methyl Iodide	4.088	142	63591	45.081	ug/l	98
11) Tert butyl alcohol	4.954	59	101373	300.842	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	58520	48.785	ug/l	89
13) Acrolein	3.729	56	23442	159.018	ug/l	99
14) Allyl chloride	4.472	41	106974	50.299	ug/l	97
15) Acrylonitrile	5.155	53	177662	289.200	ug/l	99
16) Acetone	3.942	43	148139	219.132	ug/l	94
17) Carbon Disulfide	4.192	76	96613	45.765	ug/l	100
18) Methyl Acetate	4.472	43	140753	56.816	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	280541	55.003	ug/l	99
20) Methylene Chloride	4.710	84	105326	66.398	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	68831	50.871	ug/l	99
22) Diisopropyl ether	6.112	45	286090	53.910	ug/l	95
23) Vinyl Acetate	6.058	43	846410	267.299	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	154363	53.728	ug/l	99
25) 2-Butanone	6.984	43	255807	267.250	ug/l	96
26) 2,2-Dichloropropane	6.978	77	121125	43.733	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	99285	53.717	ug/l	93
28) Bromochloromethane	7.332	49	68060	51.562	ug/l	94
29) Tetrahydrofuran	7.344	42	163284	285.292	ug/l	92
30) Chloroform	7.502	83	174862	54.292	ug/l	95
31) Cyclohexane	7.783	56	95404	51.702	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	145530	53.100	ug/l	99
36) 1,1-Dichloropropene	7.917	75	105127	51.447	ug/l	99
37) Ethyl Acetate	7.070	43	103003	54.078	ug/l #	96
38) Carbon Tetrachloride	7.899	117	123581	51.101	ug/l	99
39) Methylcyclohexane	9.179	83	111689	48.757	ug/l	92
40) Benzene	8.155	78	325014	52.608	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	57309m	58.350	ug/l	
42) 1,2-Dichloroethane	8.234	62	122446	54.573	ug/l	95
43) Isopropyl Acetate	8.271	43	189404	54.605	ug/l	99
44) Trichloroethene	8.941	130	93784	52.692	ug/l	95
45) 1,2-Dichloropropane	9.215	63	93098	53.440	ug/l	99
46) Dibromomethane	9.301	93	60885	55.413	ug/l	96
47) Bromodichloromethane	9.496	83	143352	54.675	ug/l	97
48) Methyl methacrylate	9.289	41	85162	57.395	ug/l	94
49) 1,4-Dioxane	9.295	88	24941	1135.165	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	572521	284.800	ug/l	94
52) Toluene	10.246	92	210753	51.757	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	137797	50.009	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	149854	51.639	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	90731	54.308	ug/l	97
56) Ethyl methacrylate	10.508	69	129588	53.001	ug/l	93
57) 1,3-Dichloropropane	10.788	76	147796	54.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	309424	271.938	ug/l	94
59) 2-Hexanone	10.831	43	410856	276.149	ug/l	93
60) Dibromochloromethane	10.983	129	108489	54.438	ug/l	99
61) 1,2-Dibromoethane	11.087	107	83924	52.879	ug/l	98
64) Tetrachloroethene	10.721	164	101933	56.781	ug/l	95
65) Chlorobenzene	11.514	112	245714	52.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	104000	54.595	ug/l	98
67) Ethyl Benzene	11.593	91	420808	51.158	ug/l	99
68) m/p-Xylenes	11.703	106	320645	102.634	ug/l	95
69) o-Xylene	12.026	106	161014	51.736	ug/l	98
70) Styrene	12.044	104	285215	52.950	ug/l	96
71) Bromoform	12.209	173	75536	54.700	ug/l #	97
73) Isopropylbenzene	12.331	105	429710	49.293	ug/l	99
74) N-amyl acetate	12.142	43	163639	51.991	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	120078	52.888	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	90636m	55.029	ug/l	
77) Bromobenzene	12.605	156	108744	51.176	ug/l	98
78) n-propylbenzene	12.672	91	508258	49.098	ug/l	99
79) 2-Chlorotoluene	12.758	91	301015	50.406	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	365054	50.237	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	34855	46.482	ug/l	99
82) 4-Chlorotoluene	12.855	91	310075	50.259	ug/l	100
83) tert-Butylbenzene	13.075	119	329198	49.529	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	363598	50.074	ug/l	98
85) sec-Butylbenzene	13.251	105	486275	49.933	ug/l	100
86) p-Isopropyltoluene	13.367	119	404577	50.107	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	213167	50.578	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	214222	50.676	ug/l	99
89) n-Butylbenzene	13.696	91	375192	49.284	ug/l	97
90) Hexachloroethane	13.959	117	78281	48.871	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	204058	51.828	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23099	52.519	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	126092	49.884	ug/l	99
94) Hexachlorobutadiene	15.111	225	67995	49.453	ug/l	97
95) Naphthalene	15.233	128	322172	51.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	115327	50.520	ug/l	98

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

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