

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015181.D
 Acq On : 17 Aug 2023 18:49
 Operator : SY/MD
 Sample : 03975-07MSD
 Misc : 7.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB03-Z96-98MSD

Quant Time: Aug 18 00:57:15 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 08/18/2023
 Supervised By :Mahesh Dadoda 08/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	157307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	245539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108419	57.415	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.840%			
35) Dibromofluoromethane	7.716	113	96651	56.083	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.160%			
50) Toluene-d8	10.179	98	350504	54.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.260%			
62) 4-Bromofluorobenzene	12.483	95	125267	53.460	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	33391	49.519	ug/l	98
3) Chloromethane	2.113	50	50717	54.315	ug/l	97
4) Vinyl Chloride	2.247	62	62353	49.813	ug/l	96
5) Bromomethane	2.637	94	52220	61.513	ug/l	99
6) Chloroethane	2.784	64	48490	53.356	ug/l	93
7) Trichlorofluoromethane	3.119	101	106521	50.503	ug/l	99
8) Diethyl Ether	3.528	74	45893	55.480	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	64778	49.416	ug/l	97
10) Methyl Iodide	4.082	142	63928	49.665	ug/l	98
11) Tert butyl alcohol	4.954	59	73432	235.243	ug/l #	79
12) 1,1-Dichloroethene	3.863	96	55764	50.944	ug/l	95
13) Acrolein	3.723	56	21073	155.669	ug/l	97
14) Allyl chloride	4.473	41	100391	51.729	ug/l	97
15) Acrylonitrile	5.155	53	159129	283.865	ug/l	99
16) Acetone	3.942	43	150755	244.381	ug/l	96
17) Carbon Disulfide	4.186	76	94951	49.290	ug/l	100
18) Methyl Acetate	4.473	43	143089	63.296	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	278380	59.812	ug/l	99
20) Methylene Chloride	4.710	84	92083	63.417	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	65326	52.909	ug/l	93
22) Diisopropyl ether	6.119	45	265325	54.790	ug/l	91
23) Vinyl Acetate	6.058	43	605089	209.409	ug/l	97
24) 1,1-Dichloroethane	6.009	63	142502	54.354	ug/l	97
25) 2-Butanone	6.984	43	235699	269.850	ug/l	98
26) 2,2-Dichloropropane	6.978	77	116440	46.072	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	90992	53.950	ug/l	94
28) Bromochloromethane	7.332	49	66116	54.891	ug/l	95
29) Tetrahydrofuran	7.344	42	143793	275.323	ug/l	93
30) Chloroform	7.502	83	159975	54.432	ug/l	95
31) Cyclohexane	7.783	56	85803	50.918	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	130818	52.308	ug/l	99
36) 1,1-Dichloropropene	7.917	75	94206	49.411	ug/l	100
37) Ethyl Acetate	7.076	43	90487	50.916	ug/l	98
38) Carbon Tetrachloride	7.899	117	111230	49.294	ug/l	99
39) Methylcyclohexane	9.179	83	98503	46.086	ug/l	94
40) Benzene	8.161	78	301603	52.322	ug/l	99

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41) Methacrylonitrile	7.307	41	50113m	54.684	ug/l	
42) 1,2-Dichloroethane	8.234	62	110746	52.901	ug/l	95
43) Isopropyl Acetate	8.271	43	164315	50.772	ug/l	97
44) Trichloroethene	8.941	130	86795	52.265	ug/l	95
45) 1,2-Dichloropropane	9.216	63	85707	52.728	ug/l	99
46) Dibromomethane	9.307	93	55363	54.003	ug/l	95
47) Bromodichloromethane	9.496	83	130567	53.372	ug/l	100
48) Methyl methacrylate	9.289	41	77071	55.670	ug/l	95
49) 1,4-Dioxane	9.295	88	22127	1079.361	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	512582	273.282	ug/l	95
52) Toluene	10.240	92	195673	51.502	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	129696	50.447	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	138052	50.986	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	84153	53.986	ug/l	95
56) Ethyl methacrylate	10.508	69	122087	53.517	ug/l	90
57) 1,3-Dichloropropane	10.788	76	136843	53.733	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	278755	262.565	ug/l	95
59) 2-Hexanone	10.831	43	380374	274.008	ug/l	93
60) Dibromochloromethane	10.984	129	101488	54.580	ug/l	100
61) 1,2-Dibromoethane	11.087	107	77756	52.509	ug/l	99
64) Tetrachloroethene	10.721	164	112823	65.953	ug/l	98
65) Chlorobenzene	11.514	112	226961	50.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	96007	52.889	ug/l	98
67) Ethyl Benzene	11.593	91	392434	50.065	ug/l	97
68) m/p-Xylenes	11.703	106	300073	100.795	ug/l	94
69) o-Xylene	12.026	106	150566	50.769	ug/l	97
70) Styrene	12.044	104	265687	51.761	ug/l	97
71) Bromoform	12.203	173	68371	51.958	ug/l #	100
73) Isopropylbenzene	12.331	105	400768	49.445	ug/l	100
74) N-amyl acetate	12.142	43	140260	47.929	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	108141	51.228	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	83840m	54.748	ug/l	
77) Bromobenzene	12.605	156	100907	51.075	ug/l	97
78) n-propylbenzene	12.672	91	479173	49.785	ug/l	100
79) 2-Chlorotoluene	12.758	91	280420	50.504	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	336332	49.781	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	33841	48.539	ug/l	98
82) 4-Chlorotoluene	12.855	91	289734	50.509	ug/l	100
83) tert-Butylbenzene	13.075	119	304015	49.195	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	338023	50.068	ug/l	98
85) sec-Butylbenzene	13.251	105	446933	49.359	ug/l	100
86) p-Isopropyltoluene	13.367	119	369846	49.266	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	197851	50.490	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	199191	50.680	ug/l	99
89) n-Butylbenzene	13.696	91	343888	48.584	ug/l	97
90) Hexachloroethane	13.959	117	74269	49.869	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	190799	52.120	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21501	52.579	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	112099	47.698	ug/l	99
94) Hexachlorobutadiene	15.111	225	57985	45.358	ug/l	97
95) Naphthalene	15.233	128	302273	51.631	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	102301	48.199	ug/l	98

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

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