

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038766.D
 Acq On : 11 Nov 2023 07:49
 Operator : JC/MD
 Sample : 05350-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20231107MSD

Quant Time: Nov 13 01:08:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/13/2023
 Supervised By : Mahesh Dadoda 11/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	282250	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	438815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	425957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	248441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170171	48.428	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.860%		
35) Dibromofluoromethane	5.385	113	156949	49.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.320%		
50) Toluene-d8	8.647	98	546486	48.321	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.079	95	217936	49.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	138071	47.105	ug/l	97
3) Chloromethane	1.294	50	108676	42.896	ug/l	99
4) Vinyl Chloride	1.374	62	124134	46.026	ug/l	97
5) Bromomethane	1.599	94	98655	47.391	ug/l	98
6) Chloroethane	1.685	64	78398	45.908	ug/l	97
7) Trichlorofluoromethane	1.886	101	232537	50.011	ug/l	97
8) Diethyl Ether	2.130	74	76436	47.887	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	129702	47.176	ug/l	88
10) Methyl Iodide	2.453	142	181391	53.422	ug/l	91
11) Tert butyl alcohol	2.959	59	176175	245.254	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	127323	48.337	ug/l	# 79
13) Acrolein	2.233	56	142423	261.593	ug/l	98
14) Allyl chloride	2.666	41	164436	43.584	ug/l	# 94
15) Acrylonitrile	3.062	53	365102	240.834	ug/l	99
16) Acetone	2.373	43	314272	212.362	ug/l	# 88
17) Carbon Disulfide	2.514	76	304252	43.470	ug/l	100
18) Methyl Acetate	2.697	43	267536	42.433	ug/l	# 85
19) Methyl tert-butyl Ether	3.111	73	498258	59.151	ug/l	97
20) Methylene Chloride	2.788	84	138894	46.558	ug/l	# 80
21) trans-1,2-Dichloroethene	3.093	96	136338	47.543	ug/l	84
22) Diisopropyl ether	3.757	45	336672	47.347	ug/l	# 87
23) Vinyl Acetate	3.721	43	1062051	210.427	ug/l	# 90
24) 1,1-Dichloroethane	3.611	63	223354	47.477	ug/l	96
25) 2-Butanone	4.550	43	489378	228.276	ug/l	# 86
26) 2,2-Dichloropropane	4.477	77	136660	33.270	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	162127	48.959	ug/l	81
28) Bromochloromethane	4.897	49	104646	49.497	ug/l	# 55
29) Tetrahydrofuran	4.995	42	313777	235.248	ug/l	# 79
30) Chloroform	5.092	83	260174	47.134	ug/l	94
31) Cyclohexane	5.470	56	174184	44.789	ug/l	# 85
32) 1,1,1-Trichloroethane	5.385	97	236615	48.709	ug/l	95
36) 1,1-Dichloropropene	5.696	75	178438	45.451	ug/l	94
37) Ethyl Acetate	4.708	43	166354	41.502	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	214707	48.921	ug/l	100
39) Methylcyclohexane	7.379	83	211727	43.135	ug/l	87
40) Benzene	6.037	78	522490	46.206	ug/l	100

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41) Methacrylonitrile	4.916	41	94857	46.451	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	196083	48.058	ug/l	96
43) Isopropyl Acetate	6.336	43	263594	42.775	ug/l #	91
44) Trichloroethene	7.123	130	182595	51.899	ug/l	93
45) 1,2-Dichloropropane	7.427	63	128842	47.134	ug/l	100
46) Dibromomethane	7.580	93	108708	47.553	ug/l #	85
47) Bromodichloromethane	7.818	83	203077	47.236	ug/l	97
48) Methyl methacrylate	7.690	41	140249	47.226	ug/l #	83
49) 1,4-Dioxane	7.659	88	65529	969.264	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	964442	240.212	ug/l	91
52) Toluene	8.720	92	356438	48.119	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	201252	45.980	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	208425	45.107	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	155269	49.401	ug/l	98
56) Ethyl methacrylate	9.116	69	218264	49.635	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	235792	48.166	ug/l	100
59) 2-Hexanone	9.427	43	768646	236.604	ug/l	89
60) Dibromochloromethane	9.518	129	175829	49.835	ug/l	99
61) 1,2-Dibromoethane	9.610	107	171242	48.479	ug/l	99
64) Tetrachloroethene	9.275	164	144804	45.416	ug/l	96
65) Chlorobenzene	10.079	112	415847	47.958	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	161016	49.396	ug/l	99
67) Ethyl Benzene	10.195	91	695839	47.441	ug/l	99
68) m/p-Xylenes	10.299	106	555064	95.351	ug/l	95
69) o-Xylene	10.640	106	272617	48.157	ug/l	95
70) Styrene	10.652	104	455611	48.765	ug/l	95
71) Bromoform	10.799	173	139652	48.539	ug/l #	99
73) Isopropylbenzene	10.963	105	715479	46.942	ug/l	97
74) N-amyl acetate	10.841	43	215311	40.657	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	247397	46.951	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	227340m	46.204	ug/l	
77) Bromobenzene	11.195	156	193518	46.262	ug/l	81
78) n-propylbenzene	11.305	91	814676	45.932	ug/l	96
79) 2-Chlorotoluene	11.366	91	489690	46.115	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	623208	47.509	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	61571	40.046	ug/l	87
82) 4-Chlorotoluene	11.451	91	575450	46.387	ug/l	92
83) tert-Butylbenzene	11.713	119	627458	47.206	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	618894	47.569	ug/l	96
85) sec-Butylbenzene	11.890	105	757933	45.698	ug/l	96
86) p-Isopropyltoluene	12.006	119	654307	46.310	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	367937	46.006	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	374549	45.563	ug/l	97
89) n-Butylbenzene	12.329	91	545480	43.385	ug/l	96
90) Hexachloroethane	12.536	117	112909	47.178	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	369758	47.341	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	62259	47.012	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	253052	45.298	ug/l	97
94) Hexachlorobutadiene	13.725	225	105631	43.820	ug/l	99
95) Naphthalene	13.774	128	807896	47.943	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	249832	45.372	ug/l	97

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

