

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035567.D
 Acq On : 08 May 2023 17:58
 Operator : JC/MD
 Sample : 02597-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-20230503MS

Quant Time: May 09 03:47:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	220106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	348018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151633	57.103	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.200%			
35) Dibromofluoromethane	5.385	113	124546	58.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.620%			
50) Toluene-d8	8.647	98	437859	54.340	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.680%			
62) 4-Bromofluorobenzene	11.079	95	173049	57.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	106601	45.771	ug/l	98
3) Chloromethane	1.295	50	89853	42.410	ug/l	98
4) Vinyl Chloride	1.374	62	96442	45.385	ug/l	97
5) Bromomethane	1.618	94	53735	38.046	ug/l	99
6) Chloroethane	1.685	64	52063	41.892	ug/l	97
7) Trichlorofluoromethane	1.886	101	162094	48.779	ug/l	100
8) Diethyl Ether	2.130	74	57452	47.418	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	106907	48.168	ug/l	96
10) Methyl Iodide	2.453	142	138929	49.597	ug/l	98
11) Tert butyl alcohol	2.995	59	166875	345.137	ug/l	95
12) 1,1-Dichloroethene	2.319	96	106731	49.926	ug/l	98
13) Acrolein	2.239	56	123095	258.879	ug/l	100
14) Allyl chloride	2.666	41	195198	51.886	ug/l	97
15) Acrylonitrile	3.069	53	366572	303.129	ug/l	99
16) Acetone	2.392	43	365846	317.215	ug/l	97
17) Carbon Disulfide	2.514	76	253795	49.523	ug/l	100
18) Methyl Acetate	2.703	43	268432	60.189	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	395955	53.988	ug/l	97
20) Methylene Chloride	2.788	84	126644	47.890	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	117848	50.757	ug/l	97
22) Diisopropyl ether	3.757	45	386222	51.879	ug/l	96
23) Vinyl Acetate	3.721	43	1400531	273.689	ug/l	100
24) 1,1-Dichloroethane	3.611	63	219987	52.461	ug/l	99
25) 2-Butanone	4.562	43	524221	311.412	ug/l	96
26) 2,2-Dichloropropane	4.477	77	158872	48.359	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	139758	51.209	ug/l	95
28) Bromochloromethane	4.898	49	90739	50.777	ug/l	86
29) Tetrahydrofuran	5.007	42	329709	305.536	ug/l	96
30) Chloroform	5.093	83	227250	53.682	ug/l	98
31) Cyclohexane	5.471	56	182068	48.334	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	196915	53.078	ug/l	97
36) 1,1-Dichloropropene	5.690	75	165666	49.670	ug/l	98
37) Ethyl Acetate	4.715	43	183250	60.156	ug/l	96
38) Carbon Tetrachloride	5.678	117	171161	54.058	ug/l	98
39) Methylcyclohexane	7.379	83	190471	46.915	ug/l	98
40) Benzene	6.038	78	510115	53.316	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	106416	60.966	ug/l	97
42) 1,2-Dichloroethane	6.086	62	180588	52.937	ug/l	98
43) Isopropyl Acetate	6.336	43	294407	57.517	ug/l	96
44) Trichloroethene	7.123	130	133720	50.733	ug/l	99
45) 1,2-Dichloropropane	7.434	63	127864	53.008	ug/l	100
46) Dibromomethane	7.580	93	89314	53.918	ug/l	93
47) Bromodichloromethane	7.824	83	167707	54.950	ug/l	99
48) Methyl methacrylate	7.690	41	148432	59.116	ug/l	93
49) 1,4-Dioxane	7.696	88	74705	1220.619	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	976268	310.447	ug/l	96
52) Toluene	8.720	92	317161	52.296	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	178293	55.939	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	199731	55.441	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	128605	53.193	ug/l	97
56) Ethyl methacrylate	9.116	69	205775	57.135	ug/l	90
57) 1,3-Dichloropropane	9.311	76	218832	52.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.366	63	1017	0.565	ug/l #	47
59) 2-Hexanone	9.433	43	751865	318.254	ug/l	95
60) Dibromochloromethane	9.519	129	132869	57.359	ug/l	99
61) 1,2-Dibromoethane	9.610	107	136671	54.835	ug/l	99
64) Tetrachloroethene	9.275	164	111522	46.876	ug/l	99
65) Chlorobenzene	10.080	112	339591	50.516	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	128901	55.096	ug/l	97
67) Ethyl Benzene	10.195	91	608435	52.263	ug/l	98
68) m/p-Xylenes	10.299	106	457649	102.590	ug/l	100
69) o-Xylene	10.640	106	229771	52.526	ug/l	98
70) Styrene	10.653	104	376468	53.079	ug/l	98
71) Bromoform	10.799	173	96136	59.075	ug/l	99
73) Isopropylbenzene	10.964	105	589184	51.825	ug/l	100
74) N-amyl acetate	10.842	43	251228	58.802	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	199326	56.488	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	161944m	52.200	ug/l	
77) Bromobenzene	11.195	156	146836	51.959	ug/l	92
78) n-propylbenzene	11.305	91	665079	50.937	ug/l	98
79) 2-Chlorotoluene	11.366	91	408293	50.042	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	498910	52.046	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	54731	57.138	ug/l	99
82) 4-Chlorotoluene	11.457	91	471237	51.424	ug/l	98
83) tert-Butylbenzene	11.713	119	506226	52.632	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	501827	52.101	ug/l	100
85) sec-Butylbenzene	11.890	105	600937	50.936	ug/l	99
86) p-Isopropyltoluene	12.012	119	517133	51.537	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	273452	50.917	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	274210	48.697	ug/l	98
89) n-Butylbenzene	12.335	91	429282	50.679	ug/l	99
90) Hexachloroethane	12.543	117	81628	53.143	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	271138	50.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46962	66.371	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	175149	51.875	ug/l	99
94) Hexachlorobutadiene	13.725	225	72668	49.040	ug/l	99
95) Naphthalene	13.774	128	1126792	108.407	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177490	52.221	ug/l	98

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

