

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035848.D
 Acq On : 24 May 2023 19:54
 Operator : JC/MD
 Sample : 02911-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01D-20230522MS

Quant Time: May 25 05:36:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	182172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	319857	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	128309	40.373	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.740%		
35) Dibromofluoromethane	5.385	113	98679	45.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.500%		
50) Toluene-d8	8.646	98	358596	45.000	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.000%#		
62) 4-Bromofluorobenzene	11.079	95	141323	44.045	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97845	41.213	ug/l	98
3) Chloromethane	1.294	50	110621	38.394	ug/l	99
4) Vinyl Chloride	1.373	62	107099	43.801	ug/l	98
5) Bromomethane	1.617	94	65129	49.181	ug/l	99
6) Chloroethane	1.690	64	66705	44.969	ug/l	97
7) Trichlorofluoromethane	1.886	101	180745	50.273	ug/l	99
8) Diethyl Ether	2.129	74	62625	45.240	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	97378	45.619	ug/l	98
10) Methyl Iodide	2.446	142	108492	56.829	ug/l	97
11) Tert butyl alcohol	3.087	59	136395	243.261	ug/l #	73
12) 1,1-Dichloroethene	2.318	96	94375	46.520	ug/l	99
13) Acrolein	2.245	56	171991	258.448	ug/l	99
14) Allyl chloride	2.660	41	182732	42.044	ug/l	96
15) Acrylonitrile	3.074	53	338944	274.523	ug/l	99
16) Acetone	2.410	43	306767	224.586	ug/l	98
17) Carbon Disulfide	2.507	76	196217	40.076	ug/l	99
18) Methyl Acetate	2.709	43	271596	53.915	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	359243	44.500	ug/l	99
20) Methylene Chloride	2.788	84	111820	45.170	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	102860	46.271	ug/l	98
22) Diisopropyl ether	3.757	45	384665	45.204	ug/l	95
23) Vinyl Acetate	3.721	43	1296250	215.284	ug/l	98
24) 1,1-Dichloroethane	3.611	63	201430	44.260	ug/l	98
25) 2-Butanone	4.574	43	491645	260.012	ug/l	99
26) 2,2-Dichloropropane	4.470	77	142314	36.926	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	121763	45.564	ug/l	99
28) Bromochloromethane	4.897	49	95428	46.617	ug/l	99
29) Tetrahydrofuran	5.025	42	316763	266.530	ug/l	99
30) Chloroform	5.098	83	206324	44.241	ug/l	99
31) Cyclohexane	5.470	56	173554	43.224	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	173315	42.713	ug/l	99
36) 1,1-Dichloropropene	5.690	75	149223	43.826	ug/l	99
37) Ethyl Acetate	4.720	43	173639	48.893	ug/l	99
38) Carbon Tetrachloride	5.678	117	139610	43.284	ug/l	99
39) Methylcyclohexane	7.378	83	175742	43.848	ug/l	95
40) Benzene	6.037	78	440349	46.230	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	102661	48.686	ug/l	99
42) 1,2-Dichloroethane	6.086	62	170507	41.613	ug/l	100
43) Isopropyl Acetate	6.342	43	287243	46.383	ug/l	100
44) Trichloroethene	7.122	130	112153	46.436	ug/l	98
45) 1,2-Dichloropropane	7.433	63	117063	46.403	ug/l	96
46) Dibromomethane	7.580	93	79956	46.302	ug/l	99
47) Bromodichloromethane	7.823	83	149875	44.904	ug/l	98
48) Methyl methacrylate	7.695	41	141414	46.270	ug/l	98
49) 1,4-Dioxane	7.756	88	65150	1058.913	ug/l #	79
51) 4-Methyl-2-Pentanone	8.573	43	942785	264.251	ug/l	99
52) Toluene	8.720	92	276869	46.047	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	164237	45.291	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	177934	45.798	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	116182	49.196	ug/l	100
56) Ethyl methacrylate	9.116	69	184161	48.154	ug/l	98
57) 1,3-Dichloropropane	9.305	76	199891	46.691	ug/l	100
59) 2-Hexanone	9.433	43	716250	266.574	ug/l	99
60) Dibromochloromethane	9.518	129	108725	48.298	ug/l	100
61) 1,2-Dibromoethane	9.610	107	120953	48.611	ug/l	100
64) Tetrachloroethene	9.274	164	90585	47.159	ug/l	96
65) Chlorobenzene	10.079	112	292939	47.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	104290	47.357	ug/l	99
67) Ethyl Benzene	10.195	91	536509	45.803	ug/l	98
68) m/p-Xylenes	10.299	106	403861	93.278	ug/l	99
69) o-Xylene	10.640	106	201560	46.914	ug/l	99
70) Styrene	10.652	104	335077	48.392	ug/l	98
71) Bromoform	10.799	173	71249	49.173	ug/l #	100
73) Isopropylbenzene	10.963	105	528888	45.138	ug/l	99
74) N-amyl acetate	10.841	43	241460	44.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	182951	48.133	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	168293m	49.481	ug/l	
77) Bromobenzene	11.195	156	126340	47.506	ug/l	99
78) n-propylbenzene	11.305	91	619446	44.974	ug/l	100
79) 2-Chlorotoluene	11.366	91	374441	43.422	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	442368	44.421	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	48930	46.365	ug/l	93
82) 4-Chlorotoluene	11.451	91	428953	43.193	ug/l	99
83) tert-Butylbenzene	11.713	119	445636	46.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	443997	44.403	ug/l	100
85) sec-Butylbenzene	11.890	105	548536	45.132	ug/l	99
86) p-Isopropyltoluene	12.006	119	456074	45.643	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	235562	46.627	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	237039	46.464	ug/l	100
89) n-Butylbenzene	12.329	91	403871	44.432	ug/l	98
90) Hexachloroethane	12.536	117	70222	46.367	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	228931	46.274	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	37179	43.927	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	136595	45.855	ug/l	98
94) Hexachlorobutadiene	13.725	225	54222	45.859	ug/l	99
95) Naphthalene	13.774	128	499168	48.932	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	137756	47.021	ug/l	99

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

