

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032303.D
 Acq On : 21 Oct 2022 20:49
 Operator : JC/MD
 Sample : N5185-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10MS

Quant Time: Oct 22 05:15:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	132758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92105	53.331	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.660%			
35) Dibromofluoromethane	5.391	113	72968	49.206	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.420%			
50) Toluene-d8	8.653	98	271818	50.921	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.840%			
62) 4-Bromofluorobenzene	11.079	95	115749	59.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53162	43.771	ug/l	97
3) Chloromethane	1.294	50	54793	46.454	ug/l	97
4) Vinyl Chloride	1.374	62	59961	45.838	ug/l	97
5) Bromomethane	1.611	94	38896	28.400	ug/l	99
6) Chloroethane	1.685	64	54077	46.772	ug/l	98
7) Trichlorofluoromethane	1.886	101	115931	49.854	ug/l	99
8) Diethyl Ether	2.130	74	40182	50.848	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	58142	46.118	ug/l	98
10) Methyl Iodide	2.453	142	43253	23.741	ug/l	97
11) Tert butyl alcohol	2.989	59	132327	573.987	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	57109	48.195	ug/l	95
13) Acrolein	2.239	56	75935	361.185	ug/l #	14
14) Allyl chloride	2.666	41	98478	52.914	ug/l	98
15) Acrylonitrile	3.068	53	202687	312.922	ug/l	91
16) Acetone	2.386	43	172472	307.733	ug/l	99
17) Carbon Disulfide	2.514	76	117057	42.196	ug/l	100
18) Methyl Acetate	2.703	43	118445	62.249	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	353810	86.649	ug/l #	1
20) Methylene Chloride	2.788	84	63507	44.130	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	63108	48.898	ug/l	97
22) Diisopropyl ether	3.763	45	223093	54.740	ug/l	89
23) Vinyl Acetate	3.721	43	849395	260.762	ug/l	99
24) 1,1-Dichloroethane	3.611	63	120049	50.982	ug/l	99
25) 2-Butanone	4.562	43	267658	305.883	ug/l	98
26) 2,2-Dichloropropane	4.477	77	84670	49.907	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	79435	52.567	ug/l	100
28) Bromochloromethane	4.903	49	42587	43.836	ug/l	99
29) Tetrahydrofuran	5.007	42	165212	292.329	ug/l	98
30) Chloroform	5.099	83	149231	58.226	ug/l	98
31) Cyclohexane	5.477	56	397889	201.527	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	118938	54.419	ug/l	99
36) 1,1-Dichloropropene	5.696	75	92587	48.537	ug/l	97
37) Ethyl Acetate	4.714	43	97633	52.275	ug/l	99
38) Carbon Tetrachloride	5.684	117	103070	51.184	ug/l	99
39) Methylcyclohexane	7.379	83	290943	127.676	ug/l	93
40) Benzene	6.044	78	886374	160.323	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	58226	59.121	ug/l	97
42) 1,2-Dichloroethane	6.092	62	120054	56.691	ug/l	99
43) Isopropyl Acetate	6.342	43	174351	59.477	ug/l	97
44) Trichloroethene	7.129	130	73631	48.363	ug/l	97
45) 1,2-Dichloropropane	7.434	63	73566	52.747	ug/l	94
46) Dibromomethane	7.580	93	53539	51.468	ug/l	95
47) Bromodichloromethane	7.824	83	99805	51.938	ug/l	98
48) Methyl methacrylate	7.696	41	85382m	58.403	ug/l	
49) 1,4-Dioxane	7.702	88	38151	1300.316	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	585559	318.664	ug/l	99
52) Toluene	8.720	92	276429	77.184	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	110506	50.996	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	110891	51.790	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	74194	50.996	ug/l	98
56) Ethyl methacrylate	9.116	69	128784	61.461	ug/l	96
57) 1,3-Dichloropropane	9.311	76	124068	52.646	ug/l	100
59) 2-Hexanone	9.433	43	441863	322.268	ug/l	97
60) Dibromochloromethane	9.525	129	84107	56.406	ug/l	100
61) 1,2-Dibromoethane	9.610	107	83784	54.323	ug/l	100
64) Tetrachloroethene	9.275	164	61307	45.392	ug/l	98
65) Chlorobenzene	10.079	112	204727	48.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	78174	52.099	ug/l	99
67) Ethyl Benzene	10.201	91	7495290	1009.546	ug/l #	85
68) m/p-Xylenes	10.305	106	2163914	738.031	ug/l	94
69) o-Xylene	10.646	106	529264	188.428	ug/l	99
70) Styrene	10.659	104	274512	57.955	ug/l #	77
71) Bromoform	10.799	173	62381	49.045	ug/l #	98
73) Isopropylbenzene	10.963	105	1061007	132.735	ug/l	100
74) N-amyl acetate	10.841	43	158983	53.836	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	123607	48.099	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	110409m	49.741	ug/l	
77) Bromobenzene	11.201	156	95317	48.648	ug/l	97
78) n-propylbenzene	11.305	91	2549359	278.531	ug/l	99
79) 2-Chlorotoluene	11.366	91	345229	62.584	ug/l	87
80) 1,3,5-Trimethylbenzene	11.451	105	845228	122.419	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33726	47.868	ug/l	98
82) 4-Chlorotoluene	11.457	91	383778	59.757	ug/l	92
83) tert-Butylbenzene	11.719	119	346249	50.122	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	2627380	391.407	ug/l	98
85) sec-Butylbenzene	11.890	105	532358	63.767	ug/l	92
86) p-Isopropyltoluene	12.012	119	361663	50.913	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	182989	48.524	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	184232	47.558	ug/l	98
89) n-Butylbenzene	12.335	91	542045	86.634	ug/l #	87
90) Hexachloroethane	12.542	117	74670	67.742	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	181681	49.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33052	67.319	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	122015	50.627	ug/l	96
94) Hexachlorobutadiene	13.725	225	45638	43.631	ug/l	100
95) Naphthalene	13.780	128	2216458	287.143	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	119899	49.462	ug/l	98

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

