

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032042.D
 Acq On : 11 Oct 2022 17:18
 Operator : JC/MD
 Sample : N5091-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-01-255-275-101022MSD

Quant Time: Oct 12 05:15:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	62372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	97614	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69093	53.639	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.280%			
35) Dibromofluoromethane	5.385	113	56465	51.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	8.653	98	203206	51.109	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.220%			
62) 4-Bromofluorobenzene	11.079	95	77855	55.389	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47372	51.034	ug/l	96
3) Chloromethane	1.288	50	44306	45.581	ug/l	98
4) Vinyl Chloride	1.373	62	51731	45.540	ug/l	95
5) Bromomethane	1.611	94	42079	57.686	ug/l	100
6) Chloroethane	1.684	64	45671	47.246	ug/l	99
7) Trichlorofluoromethane	1.885	101	99909	48.930	ug/l	100
8) Diethyl Ether	2.129	74	33845	48.627	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.330	101	49109	47.583	ug/l	93
10) Methyl Iodide	2.452	142	47998	45.942	ug/l	100
11) Tert butyl alcohol	2.995	59	42490	265.127	ug/l	100
12) 1,1-Dichloroethene	2.318	96	44321	46.651	ug/l	94
13) Acrolein	2.239	56	24382	264.797	ug/l	100
14) Allyl chloride	2.660	41	70876	52.430	ug/l	96
15) Acrylonitrile	3.068	53	129022	252.542	ug/l	99
16) Acetone	2.385	43	109352	249.787	ug/l	99
17) Carbon Disulfide	2.507	76	95381	46.752	ug/l	99
18) Methyl Acetate	2.702	43	74251	51.404	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	164079	51.466	ug/l	99
20) Methylene Chloride	2.788	84	53335	46.362	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	49702	47.241	ug/l	95
22) Diisopropyl ether	3.763	45	164409	54.100	ug/l	96
23) Vinyl Acetate	3.720	43	619334	272.645	ug/l	99
24) 1,1-Dichloroethane	3.611	63	94069	51.639	ug/l	98
25) 2-Butanone	4.562	43	178136	260.299	ug/l	96
26) 2,2-Dichloropropane	4.476	77	64559	49.339	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	61421	48.790	ug/l	90
28) Bromochloromethane	4.903	49	42718	54.785	ug/l	90
29) Tetrahydrofuran	5.013	42	113866	257.873	ug/l	97
30) Chloroform	5.098	83	106460	52.466	ug/l	96
31) Cyclohexane	5.476	56	73315	47.644	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	90614	52.551	ug/l	100
36) 1,1-Dichloropropene	5.696	75	71436	48.755	ug/l	98
37) Ethyl Acetate	4.714	43	70269	50.941	ug/l	100
38) Carbon Tetrachloride	5.677	117	77774	51.914	ug/l	98
39) Methylcyclohexane	7.384	83	82263	47.069	ug/l	94
40) Benzene	6.037	78	209236	48.768	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	40121	55.933	ug/l	99
42) 1,2-Dichloroethane	6.086	62	84949	54.335	ug/l	100
43) Isopropyl Acetate	6.342	43	114457	54.688	ug/l	99
44) Trichloroethene	7.128	130	58424	46.441	ug/l	90
45) 1,2-Dichloropropane	7.433	63	54627	51.809	ug/l	94
46) Dibromomethane	7.580	93	41124	50.326	ug/l	94
47) Bromodichloromethane	7.823	83	78518	55.623	ug/l	99
48) Methyl methacrylate	7.695	41	59174	59.169	ug/l	98
49) 1,4-Dioxane	7.689	88	22664	1001.921	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	382912	276.085	ug/l	99
52) Toluene	8.720	92	178180	63.517	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	77075	50.704	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	82903	54.230	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	58904	49.751	ug/l	97
56) Ethyl methacrylate	9.116	69	84906	55.945	ug/l	98
57) 1,3-Dichloropropane	9.311	76	96976	50.970	ug/l	98
59) 2-Hexanone	9.433	43	284408	278.111	ug/l	100
60) Dibromochloromethane	9.524	129	61324	56.596	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62074	52.134	ug/l	98
64) Tetrachloroethene	9.274	164	56900	46.233	ug/l	98
65) Chlorobenzene	10.079	112	154172	46.675	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	57595	50.393	ug/l	98
67) Ethyl Benzene	10.195	91	274863	49.189	ug/l	99
68) m/p-Xylenes	10.305	106	211225	95.122	ug/l	97
69) o-Xylene	10.646	106	106634	49.406	ug/l	99
70) Styrene	10.658	104	178350	51.691	ug/l	99
71) Bromoform	10.798	173	40851	54.598	ug/l #	100
73) Isopropylbenzene	10.963	105	282911	48.588	ug/l	97
74) N-amyl acetate	10.847	43	102722	57.770	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	89749	48.513	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	79360m	50.157	ug/l	
77) Bromobenzene	11.201	156	68094	47.476	ug/l	99
78) n-propylbenzene	11.304	91	328251	49.564	ug/l	99
79) 2-Chlorotoluene	11.365	91	195748	49.115	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	244908	50.714	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21144	47.606	ug/l #	85
82) 4-Chlorotoluene	11.457	91	228906	50.150	ug/l	99
83) tert-Butylbenzene	11.713	119	233924	48.943	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	242612	49.454	ug/l	98
85) sec-Butylbenzene	11.890	105	301055	50.876	ug/l	98
86) p-Isopropyltoluene	12.012	119	254256	51.034	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	128568	47.079	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	131127	46.648	ug/l	100
89) n-Butylbenzene	12.335	91	219825	52.689	ug/l	99
90) Hexachloroethane	12.542	117	39423	49.768	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	128939	47.488	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	19100	56.402	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	80073	48.589	ug/l	97
94) Hexachlorobutadiene	13.725	225	33289	49.944	ug/l	99
95) Naphthalene	13.774	128	278074	49.243	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81586	48.807	ug/l	99

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

