

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031163.D
 Acq On : 07 Sep 2022 16:52
 Operator : JC/MD
 Sample : VX0907WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

Quant Time: Sep 07 23:25:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	54275	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	86666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66135	51.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.940%			
35) Dibromofluoromethane	5.385	113	50428	53.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.800%			
50) Toluene-d8	8.653	98	177835	51.827	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.660%			
62) 4-Bromofluorobenzene	11.079	95	69617	55.363	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	18686	21.424	ug/l	97
3) Chloromethane	1.288	50	12880	19.217	ug/l	98
4) Vinyl Chloride	1.374	62	15350	19.401	ug/l	95
5) Bromomethane	1.611	94	10637	21.042	ug/l	89
6) Chloroethane	1.685	64	8821	19.874	ug/l	92
7) Trichlorofluoromethane	1.886	101	35807	20.769	ug/l	92
8) Diethyl Ether	2.136	74	9471	19.341	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	20675	21.206	ug/l	97
10) Methyl Iodide	2.453	142	21086	17.491	ug/l	# 83
11) Tert butyl alcohol	3.001	59	26247m	97.945	ug/l	
12) 1,1-Dichloroethene	2.319	96	17908	19.542	ug/l	90
13) Acrolein	2.239	56	18866	105.715	ug/l	99
14) Allyl chloride	2.660	41	23802	19.335	ug/l	# 82
15) Acrylonitrile	3.068	53	49182	100.517	ug/l	98
16) Acetone	2.392	43	43516	97.805	ug/l	97
17) Carbon Disulfide	2.508	76	43716	19.404	ug/l	# 93
18) Methyl Acetate	2.703	43	23209	20.150	ug/l	# 85
19) Methyl tert-butyl Ether	3.111	73	65723	20.193	ug/l	92
20) Methylene Chloride	2.788	84	20883	19.970	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	18828	18.544	ug/l	97
22) Diisopropyl ether	3.763	45	49703	19.228	ug/l	# 86
23) Vinyl Acetate	3.721	43	217170	100.091	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	33908	19.776	ug/l	97
25) 2-Butanone	4.568	43	66116	100.322	ug/l	92
26) 2,2-Dichloropropane	4.483	77	33488	21.826	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	22081	18.942	ug/l	96
28) Bromochloromethane	4.891	49	12230	19.671	ug/l	# 12
29) Tetrahydrofuran	5.013	42	39211	100.775	ug/l	# 82
30) Chloroform	5.092	83	39488	19.470	ug/l	99
31) Cyclohexane	5.464	56	28438	19.805	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	36730	20.093	ug/l	96
36) 1,1-Dichloropropene	5.690	75	29422	20.803	ug/l	94
37) Ethyl Acetate	4.721	43	24049	19.167	ug/l	97
38) Carbon Tetrachloride	5.678	117	31656	21.273	ug/l	96
39) Methylcyclohexane	7.379	83	34248	21.202	ug/l	95
40) Benzene	6.044	78	77888	20.272	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	13073	19.926	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	32386	20.588	ug/l	98
43) Isopropyl Acetate	6.336	43	39839	20.138	ug/l #	94
44) Trichloroethene	7.123	130	22518	20.850	ug/l	100
45) 1,2-Dichloropropane	7.434	63	18343	19.426	ug/l	96
46) Dibromomethane	7.580	93	15586	20.816	ug/l	93
47) Bromodichloromethane	7.824	83	30235	20.759	ug/l	98
48) Methyl methacrylate	7.696	41	19362	20.099	ug/l	88
49) 1,4-Dioxane	7.690	88	10936	411.232	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	125724	103.787	ug/l	89
52) Toluene	8.720	92	51085	20.159	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	32980	21.736	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	34563	21.218	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	21387	20.527	ug/l	98
56) Ethyl methacrylate	9.116	69	31607	20.591	ug/l	92
57) 1,3-Dichloropropane	9.311	76	36176	20.095	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	62611	86.547	ug/l	92
59) 2-Hexanone	9.433	43	96366	105.195	ug/l	92
60) Dibromochloromethane	9.518	129	21840	20.332	ug/l	97
61) 1,2-Dibromoethane	9.610	107	22726	19.628	ug/l	99
64) Tetrachloroethene	9.275	164	19391	20.219	ug/l	90
65) Chlorobenzene	10.079	112	54859	20.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21170	19.981	ug/l	98
67) Ethyl Benzene	10.195	91	102774	20.908	ug/l	96
68) m/p-Xylenes	10.305	106	74894	41.102	ug/l	88
69) o-Xylene	10.646	106	37355	20.541	ug/l	91
70) Styrene	10.659	104	61935	21.238	ug/l	94
71) Bromoform	10.799	173	14604	20.688	ug/l #	96
73) Isopropylbenzene	10.963	105	101435	19.845	ug/l	98
74) N-amyl acetate	10.841	43	31676	19.465	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	32138	20.142	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	30093m	18.733	ug/l	
77) Bromobenzene	11.201	156	21599	19.443	ug/l	93
78) n-propylbenzene	11.305	91	117559	20.177	ug/l	98
79) 2-Chlorotoluene	11.366	91	70837	19.624	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	86987	20.243	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	10136	20.348	ug/l	95
82) 4-Chlorotoluene	11.457	91	83048	19.886	ug/l	94
83) tert-Butylbenzene	11.713	119	81950	19.346	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	85231	20.402	ug/l	95
85) sec-Butylbenzene	11.890	105	104145	19.851	ug/l	99
86) p-Isopropyltoluene	12.012	119	88737	20.937	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	40679	19.703	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	42288	19.917	ug/l	96
89) n-Butylbenzene	12.335	91	77539	21.219	ug/l	98
90) Hexachloroethane	12.542	117	13834	18.997	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	40215	19.862	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8335	19.020	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	24508	20.699	ug/l	97
94) Hexachlorobutadiene	13.725	225	10640	21.162	ug/l	100
95) Naphthalene	13.774	128	92499	19.943	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25194	20.900	ug/l	99

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

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