

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031213.D
 Acq On : 08 Sep 2022 15:51
 Operator : JC/MD
 Sample : VX0908WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/11/2022
 Supervised By :Mahesh Dadoda 09/11/2022

Quant Time: Sep 08 18:40:04 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	43773	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	70776	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	77611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59230	57.153	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.300%			
35) Dibromofluoromethane	5.391	113	41097	53.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.580%			
50) Toluene-d8	8.653	98	145111	51.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.560%			
62) 4-Bromofluorobenzene	11.079	95	54718	53.284	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	16409	23.327	ug/l	96
3) Chloromethane	1.288	50	9621	17.798	ug/l	100
4) Vinyl Chloride	1.374	62	11937	18.707	ug/l	97
5) Bromomethane	1.611	94	8602	21.099	ug/l	95
6) Chloroethane	1.678	64	8096	22.617	ug/l	91
7) Trichlorofluoromethane	1.880	101	31589	22.718	ug/l	97
8) Diethyl Ether	2.136	74	8210	20.788	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	16420	20.883	ug/l	95
10) Methyl Iodide	2.447	142	16179	16.640	ug/l	# 81
11) Tert butyl alcohol	2.983	59	22224	104.317	ug/l	# 94
12) 1,1-Dichloroethene	2.313	96	14606	19.763	ug/l	85
13) Acrolein	2.239	56	13681	95.053	ug/l	99
14) Allyl chloride	2.660	41	19408	19.548	ug/l	# 76
15) Acrylonitrile	3.068	53	40901	103.648	ug/l	97
16) Acetone	2.392	43	39875	111.124	ug/l	90
17) Carbon Disulfide	2.508	76	35467	19.520	ug/l	96
18) Methyl Acetate	2.709	43	19520	21.013	ug/l	# 86
19) Methyl tert-butyl Ether	3.117	73	57365	21.854	ug/l	# 89
20) Methylene Chloride	2.794	84	17344	20.565	ug/l	# 76
21) trans-1,2-Dichloroethene	3.093	96	16488	20.135	ug/l	94
22) Diisopropyl ether	3.763	45	40798	19.569	ug/l	# 93
23) Vinyl Acetate	3.727	43	179943	102.831	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	29220	21.131	ug/l	99
25) 2-Butanone	4.562	43	53258	100.200	ug/l	98
26) 2,2-Dichloropropane	4.471	77	29195	23.594	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	18185	19.343	ug/l	95
28) Bromochloromethane	4.910	49	9934	19.812	ug/l	# 78
29) Tetrahydrofuran	5.019	42	30921	98.535	ug/l	# 77
30) Chloroform	5.093	83	34509	21.097	ug/l	96
31) Cyclohexane	5.471	56	22435	19.372	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	34136	23.155	ug/l	95
36) 1,1-Dichloropropene	5.690	75	23890	20.683	ug/l	95
37) Ethyl Acetate	4.715	43	20104	19.620	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	28940	23.814	ug/l	97
39) Methylcyclohexane	7.379	83	28395	21.525	ug/l	94
40) Benzene	6.037	78	61367	19.558	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	10677	19.928	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	31935	24.859	ug/l	91
43) Isopropyl Acetate	6.342	43	32277	19.979	ug/l #	95
44) Trichloroethene	7.129	130	17188	19.488	ug/l	86
45) 1,2-Dichloropropane	7.434	63	15745	20.419	ug/l	97
46) Dibromomethane	7.580	93	13184	21.562	ug/l	98
47) Bromodichloromethane	7.824	83	26831	22.558	ug/l	93
48) Methyl methacrylate	7.696	41	16385	20.828	ug/l #	84
49) 1,4-Dioxane	7.684	88	9152	421.412	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	105333	106.476	ug/l	91
52) Toluene	8.720	92	43083	20.818	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	28278	22.822	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	29134	21.901	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	18009	21.166	ug/l	97
56) Ethyl methacrylate	9.116	69	27778	22.160	ug/l	90
57) 1,3-Dichloropropane	9.311	76	30479	20.731	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	59029	99.914	ug/l #	89
59) 2-Hexanone	9.433	43	81005	108.280	ug/l	91
60) Dibromochloromethane	9.525	129	20268	23.105	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19336	20.450	ug/l	100
64) Tetrachloroethene	9.275	164	16424	20.328	ug/l	97
65) Chlorobenzene	10.079	112	45728	20.012	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	18878	21.151	ug/l	95
67) Ethyl Benzene	10.195	91	86071	20.785	ug/l	96
68) m/p-Xylenes	10.305	106	64782	42.202	ug/l	86
69) o-Xylene	10.640	106	30689	20.032	ug/l	81
70) Styrene	10.659	104	52081	21.199	ug/l #	92
71) Bromoform	10.799	173	13458	22.631	ug/l #	99
73) Isopropylbenzene	10.963	105	86894	21.271	ug/l	96
74) N-amyl acetate	10.841	43	26937	20.712	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	26081	20.452	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	24785m	19.304	ug/l	
77) Bromobenzene	11.201	156	19048	21.454	ug/l	96
78) n-propylbenzene	11.305	91	100093	21.495	ug/l	97
79) 2-Chlorotoluene	11.366	91	62811	21.772	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	73835	21.499	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	8312	20.878	ug/l	90
82) 4-Chlorotoluene	11.457	91	72471	21.712	ug/l	94
83) tert-Butylbenzene	11.719	119	70462	20.813	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	73015	21.869	ug/l	93
85) sec-Butylbenzene	11.890	105	86827	20.708	ug/l	99
86) p-Isopropyltoluene	12.012	119	73895	21.815	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	33852	20.515	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	33167	19.545	ug/l	95
89) n-Butylbenzene	12.335	91	62474	21.391	ug/l	97
90) Hexachloroethane	12.542	117	13079	22.472	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	32771	20.251	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7434	21.226	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	20594	21.763	ug/l	95
94) Hexachlorobutadiene	13.725	225	8383	20.862	ug/l	96
95) Naphthalene	13.780	128	73500	19.827	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18639	19.346	ug/l	92

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

