

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030026.D
 Acq On : 12 Jul 2022 17:51
 Operator : JC/MD
 Sample : VX0712WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS01

Quant Time: Jul 13 09:09:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	213436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	372693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131753	50.715	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.440%			
35) Dibromofluoromethane	5.391	113	118532	49.785	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.560%			
50) Toluene-d8	8.653	98	464469	51.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.740%			
62) 4-Bromofluorobenzene	11.079	95	161427	51.948	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54190	21.796	ug/l	99
3) Chloromethane	1.288	50	51753	23.269	ug/l	97
4) Vinyl Chloride	1.374	62	56199	22.749	ug/l	99
5) Bromomethane	1.605	94	23868	22.744	ug/l	96
6) Chloroethane	1.685	64	30437	21.879	ug/l	96
7) Trichlorofluoromethane	1.886	101	70463	22.086	ug/l	95
8) Diethyl Ether	2.136	74	29682	22.489	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	46611	21.401	ug/l	98
10) Methyl Iodide	2.453	142	36717	18.752	ug/l	99
11) Tert butyl alcohol	2.983	59	67170	100.180	ug/l	98
12) 1,1-Dichloroethene	2.319	96	48416	22.264	ug/l	92
13) Acrolein	2.239	56	11527	86.320	ug/l	98
14) Allyl chloride	2.666	41	82335	21.666	ug/l	99
15) Acrylonitrile	3.069	53	171051	112.251	ug/l	100
16) Acetone	2.386	43	135259	110.492	ug/l	100
17) Carbon Disulfide	2.514	76	129428	21.051	ug/l	98
18) Methyl Acetate	2.709	43	78639	21.116	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	151590	22.054	ug/l	95
20) Methylene Chloride	2.788	84	56937	21.946	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	52300	23.074	ug/l	88
22) Diisopropyl ether	3.770	45	166849	22.430	ug/l	89
23) Vinyl Acetate	3.727	43	718474	114.096	ug/l	99
24) 1,1-Dichloroethane	3.617	63	90131	21.866	ug/l	98
25) 2-Butanone	4.568	43	234207	112.315	ug/l	99
26) 2,2-Dichloropropane	4.477	77	54220	18.726	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	60246	21.705	ug/l	96
28) Bromochloromethane	4.904	49	37973	21.898	ug/l	96
29) Tetrahydrofuran	5.019	42	159425	112.655	ug/l	100
30) Chloroform	5.099	83	89898	21.885	ug/l	96
31) Cyclohexane	5.477	56	83089	22.063	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	71902	21.416	ug/l	99
36) 1,1-Dichloropropene	5.696	75	67803	22.047	ug/l	99
37) Ethyl Acetate	4.721	43	86940	22.000	ug/l	99
38) Carbon Tetrachloride	5.678	117	62419	21.765	ug/l	97
39) Methylcyclohexane	7.385	83	87680	22.490	ug/l	100
40) Benzene	6.044	78	214292	22.138	ug/l	98

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41) Methacrylonitrile	4.928	41	46805	21.997	ug/l	97
42) 1,2-Dichloroethane	6.092	62	65134	21.712	ug/l	98
43) Isopropyl Acetate	6.348	43	129379	21.772	ug/l	99
44) Trichloroethene	7.129	130	59286	20.960	ug/l	97
45) 1,2-Dichloropropane	7.434	63	55158	21.923	ug/l	96
46) Dibromomethane	7.586	93	37752	21.801	ug/l	97
47) Bromodichloromethane	7.824	83	68173	21.696	ug/l #	99
48) Methyl methacrylate	7.696	41	60966	22.235	ug/l	98
49) 1,4-Dioxane	7.677	88	31406	440.876	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	443731	112.844	ug/l	99
52) Toluene	8.720	92	133758	21.761	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	69877	21.409	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	80488	21.526	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	56085	22.126	ug/l	96
56) Ethyl methacrylate	9.122	69	84238	22.104	ug/l	100
57) 1,3-Dichloropropane	9.311	76	89044	22.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	228038	110.196	ug/l	98
59) 2-Hexanone	9.433	43	342901	113.713	ug/l	98
60) Dibromochloromethane	9.525	129	52799	21.381	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57618	21.841	ug/l	100
64) Tetrachloroethene	9.275	164	57756	21.949	ug/l	97
65) Chlorobenzene	10.079	112	141151	21.624	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	46573	20.929	ug/l	94
67) Ethyl Benzene	10.195	91	244059	22.061	ug/l	99
68) m/p-Xylenes	10.305	106	196279	45.235	ug/l	98
69) o-Xylene	10.646	106	94413	21.731	ug/l	98
70) Styrene	10.659	104	157227	21.803	ug/l	99
71) Bromoform	10.805	173	36644	20.496	ug/l #	99
73) Isopropylbenzene	10.963	105	241617	22.054	ug/l	99
74) N-amyl acetate	10.848	43	104060	21.625	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	83968	21.243	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	76584m	21.169	ug/l	
77) Bromobenzene	11.201	156	58644	21.394	ug/l	97
78) n-propylbenzene	11.305	91	283604	21.820	ug/l	99
79) 2-Chlorotoluene	11.366	91	165161	21.215	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	198994	21.555	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24299	19.384	ug/l	94
82) 4-Chlorotoluene	11.457	91	184600	21.164	ug/l	97
83) tert-Butylbenzene	11.719	119	188705	21.315	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	201046	22.017	ug/l	99
85) sec-Butylbenzene	11.890	105	257238	21.979	ug/l	99
86) p-Isopropyltoluene	12.012	119	201419	21.451	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	108404	21.403	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	109017	20.974	ug/l	99
89) n-Butylbenzene	12.335	91	181551	21.580	ug/l	99
90) Hexachloroethane	12.542	117	32982	20.548	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	107457	20.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18932	20.976	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	65728	20.796	ug/l	98
94) Hexachlorobutadiene	13.725	225	24625	19.515	ug/l	96
95) Naphthalene	13.780	128	266827	21.269	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68246	21.222	ug/l	99

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

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