

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030029.D
 Acq On : 12 Jul 2022 19:01
 Operator : JC/MD
 Sample : N3617-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05MSD

Quant Time: Jul 13 09:10:24 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	179468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	316951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107587	49.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.500%		
35) Dibromofluoromethane	5.391	113	97065	47.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.880%		
50) Toluene-d8	8.653	98	376006	49.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.760%		
62) 4-Bromofluorobenzene	11.085	95	135718	51.356	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	111364	54.725	ug/l	100
3) Chloromethane	1.288	50	108521	58.028	ug/l	98
4) Vinyl Chloride	1.374	62	116940	56.297	ug/l	99
5) Bromomethane	1.599	94	42222	47.849	ug/l	98
6) Chloroethane	1.679	64	66714	57.033	ug/l	94
7) Trichlorofluoromethane	1.880	101	153808	57.335	ug/l	99
8) Diethyl Ether	2.136	74	60250	54.289	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	97906	53.461	ug/l	96
10) Methyl Iodide	2.453	142	99601	55.135	ug/l	100
11) Tert butyl alcohol	2.977	59	135447	240.247	ug/l	98
12) 1,1-Dichloroethene	2.319	96	103200	56.439	ug/l	98
13) Acrolein	2.239	56	27375	243.798	ug/l	99
14) Allyl chloride	2.660	41	177549	55.564	ug/l	98
15) Acrylonitrile	3.069	53	360130	281.064	ug/l	99
16) Acetone	2.386	43	281595	273.572	ug/l	100
17) Carbon Disulfide	2.508	76	282166	55.185	ug/l	98
18) Methyl Acetate	2.709	43	157867	50.414	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	328764	56.882	ug/l	98
20) Methylene Chloride	2.788	84	117697	56.814	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	111449	58.475	ug/l	93
22) Diisopropyl ether	3.764	45	356082	56.930	ug/l	96
23) Vinyl Acetate	3.727	43	1522382	287.516	ug/l	99
24) 1,1-Dichloroethane	3.611	63	190841	55.062	ug/l	100
25) 2-Butanone	4.562	43	487483	278.022	ug/l	99
26) 2,2-Dichloropropane	4.483	77	119703	49.166	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	130569	55.943	ug/l	95
28) Bromochloromethane	4.904	49	76296	52.325	ug/l	95
29) Tetrahydrofuran	5.013	42	334135	280.800	ug/l	100
30) Chloroform	5.099	83	191681	55.495	ug/l	98
31) Cyclohexane	5.477	56	177450	56.036	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	157315	55.726	ug/l	99
36) 1,1-Dichloropropene	5.696	75	143208	54.756	ug/l	99
37) Ethyl Acetate	4.721	43	179999	53.560	ug/l	99
38) Carbon Tetrachloride	5.684	117	132542	54.344	ug/l	96
39) Methylcyclohexane	7.385	83	184532	55.657	ug/l	98
40) Benzene	6.044	78	457752	55.607	ug/l	94

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41) Methacrylonitrile	4.928	41	101095	55.867	ug/l	99
42) 1,2-Dichloroethane	6.092	62	142405	55.819	ug/l	99
43) Isopropyl Acetate	6.348	43	276123	54.639	ug/l	100
44) Trichloroethene	7.129	130	123723	51.434	ug/l	99
45) 1,2-Dichloropropane	7.434	63	117201	54.775	ug/l	99
46) Dibromomethane	7.586	93	80888	54.925	ug/l	98
47) Bromodichloromethane	7.824	83	147700	55.272	ug/l	98
48) Methyl methacrylate	7.696	41	136066	58.353	ug/l	98
49) 1,4-Dioxane	7.665	88	64783	1069.360	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	946253	282.960	ug/l	100
52) Toluene	8.720	92	283763	54.285	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	157534	56.754	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	175571	55.213	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	120768	56.024	ug/l	99
56) Ethyl methacrylate	9.122	69	187043	57.711	ug/l	100
57) 1,3-Dichloropropane	9.311	76	191602	55.953	ug/l	100
59) 2-Hexanone	9.433	43	735895	286.957	ug/l	100
60) Dibromochloromethane	9.525	129	114721	54.627	ug/l	99
61) 1,2-Dibromoethane	9.610	107	126788	56.513	ug/l	95
64) Tetrachloroethene	9.275	164	116573	51.015	ug/l	96
65) Chlorobenzene	10.079	112	305688	53.928	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	105585	54.638	ug/l	100
67) Ethyl Benzene	10.195	91	541961	56.413	ug/l	99
68) m/p-Xylenes	10.305	106	423122	112.293	ug/l	99
69) o-Xylene	10.646	106	208308	55.212	ug/l	100
70) Styrene	10.659	104	348504	55.653	ug/l	99
71) Bromoform	10.805	173	81780	52.674	ug/l #	98
73) Isopropylbenzene	10.963	105	535242	53.095	ug/l	99
74) N-amyl acetate	10.848	43	241507	54.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	189964	52.231	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	172318m	51.766	ug/l	
77) Bromobenzene	11.201	156	127257	50.454	ug/l	99
78) n-propylbenzene	11.305	91	636447	53.217	ug/l	100
79) 2-Chlorotoluene	11.366	91	371194	51.819	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	444764	52.360	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	56843	49.282	ug/l	98
82) 4-Chlorotoluene	11.457	91	423714	52.794	ug/l	99
83) tert-Butylbenzene	11.719	119	425567	52.242	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	452201	53.821	ug/l	100
85) sec-Butylbenzene	11.890	105	585461	54.365	ug/l	99
86) p-Isopropyltoluene	12.012	119	473106	54.761	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	246899	52.979	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	246502	51.543	ug/l	98
89) n-Butylbenzene	12.335	91	442325	57.142	ug/l	99
90) Hexachloroethane	12.542	117	76960	52.108	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	243514	51.433	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44271	53.310	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	157765	54.250	ug/l	97
94) Hexachlorobutadiene	13.725	225	61631	53.082	ug/l	99
95) Naphthalene	13.780	128	630865	54.652	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	161083	54.439	ug/l	98

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

