

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033171.D
 Acq On : 01 Dec 2022 18:13
 Operator : JC/MD
 Sample : N5815-15MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10MS

Quant Time: Dec 02 00:54:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	131269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61202	47.561	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.120%		
35) Dibromofluoromethane	5.385	113	54340	45.462	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.920%		
50) Toluene-d8	8.647	98	162104	44.852	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.700%#		
62) 4-Bromofluorobenzene	11.079	95	74892	47.698	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	43161	43.037	ug/l	97
3) Chloromethane	1.295	50	47983	44.319	ug/l	97
4) Vinyl Chloride	1.374	62	56596	46.948	ug/l	98
5) Bromomethane	1.618	94	42018	47.004	ug/l	99
6) Chloroethane	1.691	64	50114	51.064	ug/l	99
7) Trichlorofluoromethane	1.892	101	118832	50.790	ug/l	100
8) Diethyl Ether	2.130	74	39919	54.194	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	63662	51.769	ug/l	99
10) Methyl Iodide	2.453	142	62289	44.247	ug/l	100
11) Tert butyl alcohol	3.002	59	56223	277.445	ug/l	95
12) 1,1-Dichloroethene	2.319	96	58789	51.320	ug/l	96
13) Acrolein	2.240	56	74935	321.929	ug/l #	60
14) Allyl chloride	2.666	41	98691	53.363	ug/l	97
15) Acrylonitrile	3.069	53	158509	276.544	ug/l	98
16) Acetone	2.392	43	133330	223.326	ug/l	97
17) Carbon Disulfide	2.514	76	135639	42.858	ug/l	99
18) Methyl Acetate	2.703	43	91936	55.630	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	237816	59.861	ug/l #	51
20) Methylene Chloride	2.788	84	66534	53.654	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	65632	50.086	ug/l	96
22) Diisopropyl ether	3.758	45	227254	56.432	ug/l	90
23) Vinyl Acetate	3.721	43	884517	280.598	ug/l	99
24) 1,1-Dichloroethane	3.611	63	122372	53.103	ug/l	99
25) 2-Butanone	4.562	43	215969	262.340	ug/l	99
26) 2,2-Dichloropropane	4.477	77	98810	53.327	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	80628	54.155	ug/l	98
28) Bromochloromethane	4.904	49	53441	52.777	ug/l	99
29) Tetrahydrofuran	5.007	42	140229	268.443	ug/l	99
30) Chloroform	5.099	83	143901	55.754	ug/l	98
31) Cyclohexane	5.471	56	130871	63.182	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	126999	54.945	ug/l	99
36) 1,1-Dichloropropene	5.696	75	97525	51.028	ug/l	99
37) Ethyl Acetate	4.715	43	89958	53.951	ug/l	99
38) Carbon Tetrachloride	5.678	117	110415	52.078	ug/l	99
39) Methylcyclohexane	7.385	83	127646	58.536	ug/l	99
40) Benzene	6.038	78	320261	59.766	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53072	56.567	ug/l	96
42) 1,2-Dichloroethane	6.086	62	116112	53.817	ug/l	99
43) Isopropyl Acetate	6.342	43	155181	56.275	ug/l	100
44) Trichloroethene	7.123	130	87396	58.123	ug/l	99
45) 1,2-Dichloropropane	7.428	63	73360	55.397	ug/l	99
46) Dibromomethane	7.580	93	54074	52.332	ug/l	98
47) Bromodichloromethane	7.824	83	111209	55.698	ug/l	97
48) Methyl methacrylate	7.690	41	79658	56.120	ug/l	95
49) 1,4-Dioxane	7.702	88	27404	1048.814	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	480451	282.352	ug/l	98
52) Toluene	8.720	92	196885	55.848	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	113927	53.010	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	119856	55.683	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	78444	54.653	ug/l	99
56) Ethyl methacrylate	9.116	69	116057	58.686	ug/l	98
57) 1,3-Dichloropropane	9.305	76	127425	54.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	36255	38.607	ug/l	99
59) 2-Hexanone	9.433	43	351636	279.742	ug/l	98
60) Dibromochloromethane	9.519	129	87069	56.344	ug/l	99
61) 1,2-Dibromoethane	9.610	107	82836	54.678	ug/l	99
64) Tetrachloroethene	9.275	164	64934	46.452	ug/l	97
65) Chlorobenzene	10.080	112	207187	52.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	80466	55.776	ug/l	99
67) Ethyl Benzene	10.195	91	1046342	149.813	ug/l	99
68) m/p-Xylenes	10.305	106	520021	190.136	ug/l	99
69) o-Xylene	10.640	106	184598	69.757	ug/l	100
70) Styrene	10.653	104	246928	57.036	ug/l	99
71) Bromoform	10.799	173	62585	56.581	ug/l #	100
73) Isopropylbenzene	10.964	105	460163	62.612	ug/l	99
74) N-amyl acetate	10.842	43	141606	56.640	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	118048	53.218	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	106391m	54.622	ug/l	
77) Bromobenzene	11.201	156	94014	52.014	ug/l	99
78) n-propylbenzene	11.305	91	690384	82.160	ug/l	100
79) 2-Chlorotoluene	11.366	91	314820	61.687	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	510417	82.672	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33041	55.139	ug/l	98
82) 4-Chlorotoluene	11.451	91	334274	55.893	ug/l	98
83) tert-Butylbenzene	11.713	119	328797	53.500	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	923339	149.985	ug/l	98
85) sec-Butylbenzene	11.890	105	413102	56.185	ug/l	98
86) p-Isopropyltoluene	12.012	119	340199	54.612	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	175455	51.754	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	177140	51.019	ug/l	100
89) n-Butylbenzene	12.329	91	328579	61.227	ug/l	93
90) Hexachloroethane	12.536	117	62827	61.388	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	174407	52.885	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26325	59.481	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	108534	53.389	ug/l	99
94) Hexachlorobutadiene	13.725	225	42129	46.974	ug/l	100
95) Naphthalene	13.774	128	535319	81.398	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	108443	53.194	ug/l	99

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

