

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032693.D
 Acq On : 09 Nov 2022 20:30
 Operator : JC/MD
 Sample : N5551-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12IMS

Quant Time: Nov 10 03:07:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/10/2022
 Supervised By : Mahesh Dadoda 11/10/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70400	48.471	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.940%		
35) Dibromofluoromethane	5.391	113	57301	48.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	8.647	98	196209	47.853	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.079	95	86163	53.796	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54888	45.527	ug/l	99
3) Chloromethane	1.294	50	48131	47.207	ug/l	98
4) Vinyl Chloride	1.374	62	51672	46.050	ug/l	100
5) Bromomethane	1.611	94	28396	31.667	ug/l	95
6) Chloroethane	1.685	64	58445	77.640	ug/l	95
7) Trichlorofluoromethane	1.886	101	101412	47.698	ug/l	99
8) Diethyl Ether	2.130	74	33919	49.229	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	54642	48.693	ug/l	99
10) Methyl Iodide	2.453	142	42305	34.511	ug/l	100
11) Tert butyl alcohol	2.989	59	44242	209.283	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	50294	47.977	ug/l	96
13) Acrolein	2.239	56	79006	374.366	ug/l #	14
14) Allyl chloride	2.666	41	84532	50.586	ug/l	97
15) Acrylonitrile	3.069	53	144102	251.172	ug/l	97
16) Acetone	2.386	43	149800	283.773	ug/l	100
17) Carbon Disulfide	2.514	76	101716	40.737	ug/l	99
18) Methyl Acetate	2.703	43	94951	55.313	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	205138	55.677	ug/l #	1
20) Methylene Chloride	2.788	84	56536	46.711	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	54964	48.169	ug/l	99
22) Diisopropyl ether	3.757	45	195202	54.005	ug/l	90
23) Vinyl Acetate	3.721	43	722657	247.466	ug/l	100
24) 1,1-Dichloroethane	3.611	63	108422	52.150	ug/l	100
25) 2-Butanone	4.562	43	209963	256.727	ug/l	98
26) 2,2-Dichloropropane	4.477	77	80080	48.455	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69374	52.598	ug/l	99
28) Bromochloromethane	4.897	49	34318	46.341	ug/l	100
29) Tetrahydrofuran	5.007	42	126153	241.900	ug/l	100
30) Chloroform	5.099	83	129005	56.548	ug/l	99
31) Cyclohexane	5.471	56	173585	98.570	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	107001	52.267	ug/l	99
36) 1,1-Dichloropropene	5.696	75	82214	50.068	ug/l	99
37) Ethyl Acetate	4.715	43	78140	45.717	ug/l	99
38) Carbon Tetrachloride	5.678	117	90858	49.887	ug/l	96
39) Methylcyclohexane	7.385	83	137622	70.837	ug/l	97
40) Benzene	6.037	78	974540	209.726	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47923	55.039	ug/l	97
42) 1,2-Dichloroethane	6.086	62	109842	57.827	ug/l	99
43) Isopropyl Acetate	6.342	43	138513	52.780	ug/l	99
44) Trichloroethene	7.129	130	65834	50.328	ug/l	95
45) 1,2-Dichloropropane	7.434	63	63452	53.195	ug/l	100
46) Dibromomethane	7.580	93	46935	51.307	ug/l	97
47) Bromodichloromethane	7.824	83	92613	53.417	ug/l	98
48) Methyl methacrylate	7.696	41	72545	53.524	ug/l	95
49) 1,4-Dioxane	7.702	88	22563	873.513	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	427070	258.357	ug/l	99
52) Toluene	8.720	92	481115	158.696	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	96729	54.681	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	100671	53.207	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	67785	53.091	ug/l	98
56) Ethyl methacrylate	9.116	69	103540	56.353	ug/l	98
57) 1,3-Dichloropropane	9.311	76	109976	53.339	ug/l	100
59) 2-Hexanone	9.433	43	316669	258.177	ug/l	100
60) Dibromochloromethane	9.525	129	73129	52.439	ug/l	98
61) 1,2-Dibromoethane	9.610	107	71321	52.720	ug/l	99
64) Tetrachloroethene	9.275	164	54815	49.197	ug/l	98
65) Chlorobenzene	10.079	112	175899	51.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	67998	52.984	ug/l	99
67) Ethyl Benzene	10.201	91	5777683	947.509	ug/l	90
68) m/p-Xylenes	10.305	106	2559638	1081.016	ug/l	92
69) o-Xylene	10.640	106	690625	299.991	ug/l	98
70) Styrene	10.653	104	247471	64.681	ug/l #	63
71) Bromoform	10.799	173	53245	52.474	ug/l #	99
73) Isopropylbenzene	10.963	105	537755	77.657	ug/l	100
74) N-amyl acetate	10.842	43	128165	48.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	105423	47.429	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	94315m	48.512	ug/l	
77) Bromobenzene	11.201	156	84237	49.619	ug/l	100
78) n-propylbenzene	11.305	91	954536	119.642	ug/l	99
79) 2-Chlorotoluene	11.366	91	247300	51.758	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	624485	105.517	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27395	44.837	ug/l	97
82) 4-Chlorotoluene	11.457	91	320167	57.265	ug/l	94
83) tert-Butylbenzene	11.713	119	299189	50.635	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1861706	316.273	ug/l	99
85) sec-Butylbenzene	11.890	105	374204	52.633	ug/l	98
86) p-Isopropyltoluene	12.012	119	306598	50.821	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	162607	50.776	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	164021	49.370	ug/l	100
89) n-Butylbenzene	12.335	91	304141	57.949	ug/l	92
90) Hexachloroethane	12.536	117	54730	55.541	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	160926	50.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23636	48.499	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	99524	48.339	ug/l	98
94) Hexachlorobutadiene	13.725	225	38176	44.397	ug/l	99
95) Naphthalene	13.774	128	1119562	163.191	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99655	47.616	ug/l	99

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

