

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026363.D
 Acq On : 06 Jan 2022 07:48
 Operator : JC/MD
 Sample : N1020-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7AMS

Quant Time: Jan 06 12:25:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/07/2022
 Supervised By :Semsettin Yesilyurt 01/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	103014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	74949	50.291	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.580%			
35) Dibromofluoromethane	5.391	113	55848	49.659	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.320%			
50) Toluene-d8	8.653	98	203050	48.539	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.080%			
62) 4-Bromofluorobenzene	11.079	95	76326	51.254	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	51028	47.165	ug/l	98
3) Chloromethane	1.294	50	49284	39.134	ug/l	97
4) Vinyl Chloride	1.380	62	55330	41.746	ug/l	99
5) Bromomethane	1.617	94	17114	20.923	ug/l	91
6) Chloroethane	1.691	64	34285	36.786	ug/l	99
7) Trichlorofluoromethane	1.892	101	90982	39.850	ug/l	97
8) Diethyl Ether	2.136	74	33935	43.266	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	56537	46.972	ug/l	99
10) Methyl Iodide	2.459	142	41066	26.383	ug/l	99
11) Tert butyl alcohol	3.001	59	59724	200.643	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	54444	47.728	ug/l	93
13) Acrolein	2.239	56	40062	376.384	ug/l #	1
14) Allyl chloride	2.666	41	102659	45.540	ug/l	95
15) Acrylonitrile	3.068	53	167373	227.107	ug/l	100
16) Acetone	2.386	43	155895	193.066	ug/l	98
17) Carbon Disulfide	2.520	76	147924	45.184	ug/l	100
18) Methyl Acetate	2.703	43	108056	41.256	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	205444	51.562	ug/l #	81
20) Methylene Chloride	2.794	84	57720	44.604	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	59095	47.488	ug/l	92
22) Diisopropyl ether	3.763	45	208803	48.529	ug/l	92
23) Vinyl Acetate	3.727	43	718472	210.293	ug/l	98
24) 1,1-Dichloroethane	3.617	63	112830	48.389	ug/l	98
25) 2-Butanone	4.562	43	239952	213.328	ug/l	97
26) 2,2-Dichloropropane	4.483	77	71175	40.513	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	68993	48.733	ug/l	95
28) Bromochloromethane	4.910	49	49490	47.887	ug/l	93
29) Tetrahydrofuran	5.013	42	155332	219.098	ug/l	96
30) Chloroform	5.099	83	118394	48.006	ug/l	98
31) Cyclohexane	5.476	56	151594	71.428	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	105350	49.137	ug/l	99
36) 1,1-Dichloropropene	5.696	75	86850	47.880	ug/l	98
37) Ethyl Acetate	4.721	43	91596	43.550	ug/l	100
38) Carbon Tetrachloride	5.684	117	90119	44.664	ug/l	99
39) Methylcyclohexane	7.385	83	105726	51.671	ug/l	94
40) Benzene	6.043	78	2072422	400.319	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	55828	47.005	ug/l	95
42) 1,2-Dichloroethane	6.092	62	113962	54.394	ug/l	96
43) Isopropyl Acetate	6.342	43	150193	43.816	ug/l	98
44) Trichloroethene	7.129	130	70830	50.847	ug/l	89
45) 1,2-Dichloropropane	7.433	63	63439	47.909	ug/l	97
46) Dibromomethane	7.580	93	43829	44.624	ug/l	98
47) Bromodichloromethane	7.824	83	87662	43.869	ug/l	97
48) Methyl methacrylate	7.696	41	78667	47.852	ug/l	92
49) 1,4-Dioxane	7.683	88	24830	819.596	ug/l	91
51) 4-Methyl-2-Pentanone	8.573	43	476927	223.579	ug/l	99
52) Toluene	8.720	92	355470	111.536	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	84694	40.236	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	93307	44.179	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	60444	46.146	ug/l	98
56) Ethyl methacrylate	9.116	69	100469	49.733	ug/l	95
57) 1,3-Dichloropropane	9.311	76	105956	47.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.147	63	644	10.402	ug/l #	44
59) 2-Hexanone	9.433	43	352224	217.985	ug/l	99
60) Dibromochloromethane	9.525	129	63197	42.590	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64181	45.795	ug/l	100
64) Tetrachloroethene	9.275	164	72444	57.553	ug/l	98
65) Chlorobenzene	10.079	112	156122	47.646	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	59462	47.623	ug/l	99
67) Ethyl Benzene	10.195	91	506077	86.377	ug/l	97
68) m/p-Xylenes	10.305	106	562244	257.013	ug/l	95
69) o-Xylene	10.646	106	129219	60.371	ug/l	94
70) Styrene	10.659	104	178853	50.971	ug/l	94
71) Bromoform	10.805	173	40489	39.973	ug/l #	100
73) Isopropylbenzene	10.963	105	355313	65.464	ug/l	99
74) N-amyl acetate	10.847	43	109737	44.031	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	78423	42.485	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	78492m	46.570	ug/l	
77) Bromobenzene	11.201	156	65775	51.101	ug/l	93
78) n-propylbenzene	11.305	91	448443	71.860	ug/l	97
79) 2-Chlorotoluene	11.366	91	200778	52.267	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	262958	58.380	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18440	31.652	ug/l #	83
82) 4-Chlorotoluene	11.457	91	225511	51.981	ug/l	95
83) tert-Butylbenzene	11.713	119	214450	49.052	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	332442	73.865	ug/l	97
85) sec-Butylbenzene	11.890	105	278479	51.042	ug/l	99
86) p-Isopropyltoluene	12.012	119	238297	52.393	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	121346	50.220	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	122122	47.139	ug/l	99
89) n-Butylbenzene	12.335	91	202325	50.056	ug/l	100
90) Hexachloroethane	12.542	117	32138	35.378	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	118074	47.106	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20116	42.569	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	73031	49.305	ug/l	99
94) Hexachlorobutadiene	13.725	225	28781	46.798	ug/l	98
95) Naphthalene	13.780	128	535063	99.146	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73821	48.985	ug/l	99

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

