

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026388.D
 Acq On : 06 Jan 2022 20:54
 Operator : JC/MD
 Sample : N1020-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MS

Quant Time: Jan 07 04:19:47 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 : Semsettin Yesilyurt 01/07/2022
 Supervised By : Mahesh Dadoda 01/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	167010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72062	49.206	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.420%		
35) Dibromofluoromethane	5.391	113	54400	50.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.200%		
50) Toluene-d8	8.653	98	192946	47.774	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.540%		
62) 4-Bromofluorobenzene	11.079	95	71253	49.559	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	45870	43.145	ug/l	96
3) Chloromethane	1.294	50	43557	35.196	ug/l	100
4) Vinyl Chloride	1.380	62	49119	37.713	ug/l	100
5) Bromomethane	1.611	94	23912	29.749	ug/l	98
6) Chloroethane	1.691	64	31742	34.658	ug/l	98
7) Trichlorofluoromethane	1.892	101	80289	35.786	ug/l	97
8) Diethyl Ether	2.136	74	29602	38.407	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	50480	42.680	ug/l	99
10) Methyl Iodide	2.459	142	36662	23.969	ug/l	99
11) Tert butyl alcohol	2.971	59	54670m	186.902	ug/l	
12) 1,1-Dichloroethene	2.325	96	47772	42.618	ug/l	92
13) Acrolein	2.239	56	15578	148.937	ug/l	88
14) Allyl chloride	2.672	41	91066	41.109	ug/l	98
15) Acrylonitrile	3.068	53	148119	204.526	ug/l	99
16) Acetone	2.386	43	137305	173.042	ug/l	97
17) Carbon Disulfide	2.520	76	128349	39.896	ug/l	100
18) Methyl Acetate	2.703	43	102150	39.689	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	182261	46.550	ug/l	99
20) Methylene Chloride	2.794	84	52789	41.446	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	51751	42.320	ug/l	93
22) Diisopropyl ether	3.763	45	186345	44.073	ug/l	94
23) Vinyl Acetate	3.727	43	708631	211.070	ug/l	97
24) 1,1-Dichloroethane	3.617	63	101238	44.183	ug/l	99
25) 2-Butanone	4.556	43	210000	189.991	ug/l	100
26) 2,2-Dichloropropane	4.483	77	71951	41.677	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	61013	43.856	ug/l	94
28) Bromochloromethane	4.903	49	43871	43.198	ug/l	91
29) Tetrahydrofuran	5.007	42	139299	199.948	ug/l	94
30) Chloroform	5.105	83	103898	42.871	ug/l	99
31) Cyclohexane	5.476	56	90341	43.317	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	92928	44.107	ug/l	100
36) 1,1-Dichloropropene	5.696	75	76905	43.914	ug/l	98
37) Ethyl Acetate	4.714	43	86451	42.574	ug/l	99
38) Carbon Tetrachloride	5.684	117	80045	41.090	ug/l	99
39) Methylcyclohexane	7.385	83	88254	44.676	ug/l	93
40) Benzene	6.043	78	220165	44.050	ug/l	100

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 Supervised By :Mahesh Dadoda 01/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49026	42.755	ug/l	94
42) 1,2-Dichloroethane	6.092	62	88054	43.532	ug/l	97
43) Isopropyl Acetate	6.342	43	138641	41.893	ug/l	98
44) Trichloroethene	7.129	130	60773	45.188	ug/l	94
45) 1,2-Dichloropropane	7.433	63	55818	43.662	ug/l	96
46) Dibromomethane	7.586	93	39316	41.461	ug/l	99
47) Bromodichloromethane	7.824	83	79636	41.279	ug/l	95
48) Methyl methacrylate	7.696	41	70417	44.366	ug/l	91
49) 1,4-Dioxane	7.677	88	18878	645.424	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	419622	203.753	ug/l	98
52) Toluene	8.720	92	134565	43.733	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	78447	38.678	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	86314	42.330	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	53281	42.132	ug/l	98
56) Ethyl methacrylate	9.116	69	89090	45.678	ug/l	95
57) 1,3-Dichloropropane	9.311	76	93732	43.270	ug/l	99
59) 2-Hexanone	9.433	43	310945	199.323	ug/l	97
60) Dibromochloromethane	9.525	129	56459	39.411	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56190	41.527	ug/l	99
64) Tetrachloroethene	9.275	164	58533	48.877	ug/l	99
65) Chlorobenzene	10.079	112	136551	43.802	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	52243	43.979	ug/l	99
67) Ethyl Benzene	10.195	91	254386	45.637	ug/l	97
68) m/p-Xylenes	10.305	106	192484	92.484	ug/l	94
69) o-Xylene	10.646	106	92374	45.362	ug/l	93
70) Styrene	10.658	104	155243	46.503	ug/l	97
71) Bromoform	10.799	173	35964	37.320	ug/l #	99
73) Isopropylbenzene	10.963	105	243334	48.040	ug/l	99
74) N-amyl acetate	10.847	43	110254	47.403	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	71175	41.317	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	69683m	44.301	ug/l	
77) Bromobenzene	11.201	156	56826	47.307	ug/l	92
78) n-propylbenzene	11.305	91	280135	48.101	ug/l	98
79) 2-Chlorotoluene	11.366	91	170763	47.633	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	203309	48.366	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	18171	33.421	ug/l #	83
82) 4-Chlorotoluene	11.457	91	197798	48.854	ug/l	94
83) tert-Butylbenzene	11.719	119	191317	46.891	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	203445	48.437	ug/l	97
85) sec-Butylbenzene	11.890	105	241780	47.486	ug/l	98
86) p-Isopropyltoluene	12.012	119	204372	48.149	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	105932	46.977	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	106869	44.203	ug/l	99
89) n-Butylbenzene	12.335	91	177472	47.048	ug/l	99
90) Hexachloroethane	12.542	117	29503	34.801	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	102172	43.678	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18004	40.826	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	65072	47.075	ug/l	99
94) Hexachlorobutadiene	13.725	225	25847	45.034	ug/l	99
95) Naphthalene	13.780	128	240136	47.680	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64372	45.771	ug/l	99

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

