

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026364.D
 Acq On : 06 Jan 2022 08:11
 Operator : JC/MD
 Sample : N1020-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7AMSD

Quant Time: Jan 06 12:26:00 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	106058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	76116	49.608	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.220%		
35) Dibromofluoromethane	5.391	113	57952	50.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.420%		
50) Toluene-d8	8.653	98	208432	48.552	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.100%		
62) 4-Bromofluorobenzene	11.079	95	79832	52.237	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	53672	48.185	ug/l	98
3) Chloromethane	1.294	50	49762	38.379	ug/l	96
4) Vinyl Chloride	1.380	62	57042	41.802	ug/l	99
5) Bromomethane	1.617	94	20678	24.554	ug/l	98
6) Chloroethane	1.691	64	31958	33.306	ug/l	98
7) Trichlorofluoromethane	1.892	101	93350	39.713	ug/l	96
8) Diethyl Ether	2.136	74	34473	42.691	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	57887	46.714	ug/l	99
10) Methyl Iodide	2.459	142	53295	33.257	ug/l	98
11) Tert butyl alcohol	2.983	59	66664m	217.530	ug/l	
12) 1,1-Dichloroethene	2.325	96	55969	47.657	ug/l	94
13) Acrolein	2.239	56	40982	373.977	ug/l #	1
14) Allyl chloride	2.672	41	106263	45.785	ug/l	96
15) Acrylonitrile	3.068	53	171700	226.292	ug/l	100
16) Acetone	2.386	43	160712	193.319	ug/l	96
17) Carbon Disulfide	2.520	76	154253	45.765	ug/l	99
18) Methyl Acetate	2.709	43	111344	41.291	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	214039	52.178	ug/l #	81
20) Methylene Chloride	2.794	84	59747	44.850	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	60619	47.315	ug/l	91
22) Diisopropyl ether	3.763	45	216767	48.934	ug/l	93
23) Vinyl Acetate	3.727	43	755086	214.667	ug/l	98
24) 1,1-Dichloroethane	3.617	63	118047	49.173	ug/l	99
25) 2-Butanone	4.562	43	244654	211.265	ug/l	96
26) 2,2-Dichloropropane	4.483	77	75607	41.801	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	71047	48.743	ug/l	94
28) Bromochloromethane	4.903	49	50227	47.205	ug/l	94
29) Tetrahydrofuran	5.013	42	161541	221.316	ug/l	95
30) Chloroform	5.099	83	121863	47.994	ug/l	94
31) Cyclohexane	5.477	56	154591	70.749	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	109066	49.410	ug/l	99
36) 1,1-Dichloropropene	5.702	75	90319	48.519	ug/l	98
37) Ethyl Acetate	4.721	43	94479	43.772	ug/l	100
38) Carbon Tetrachloride	5.684	117	94381	45.580	ug/l	99
39) Methylcyclohexane	7.385	83	108377	51.613	ug/l	94
40) Benzene	6.044	78	2054221	386.655	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	57012	46.775	ug/l	94
42) 1,2-Dichloroethane	6.092	62	117375	54.590	ug/l	95
43) Isopropyl Acetate	6.342	43	161261	45.842	ug/l	97
44) Trichloroethene	7.129	130	72008	50.370	ug/l	92
45) 1,2-Dichloropropane	7.434	63	65232	48.003	ug/l	96
46) Dibromomethane	7.586	93	45563	45.203	ug/l	99
47) Bromodichloromethane	7.824	83	91526	44.632	ug/l	98
48) Methyl methacrylate	7.696	41	80926	47.968	ug/l	93
49) 1,4-Dioxane	7.690	88	24944	802.303	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	491113	224.342	ug/l	99
52) Toluene	8.720	92	358730	109.680	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	89377	41.321	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98362	45.381	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	62804	46.721	ug/l	98
56) Ethyl methacrylate	9.116	69	104386	50.350	ug/l	95
57) 1,3-Dichloropropane	9.311	76	108679	47.199	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.141	63	691	10.428	ug/l #	44
59) 2-Hexanone	9.433	43	364963	220.092	ug/l	99
60) Dibromochloromethane	9.525	129	66329	43.558	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66495	46.233	ug/l	99
64) Tetrachloroethene	9.275	164	72392	55.788	ug/l	98
65) Chlorobenzene	10.079	112	162597	48.135	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	62001	48.168	ug/l	98
67) Ethyl Benzene	10.195	91	505268	83.654	ug/l	97
68) m/p-Xylenes	10.305	106	562087	249.240	ug/l	95
69) o-Xylene	10.646	106	133383	60.448	ug/l	94
70) Styrene	10.659	104	186810	51.643	ug/l	95
71) Bromoform	10.799	173	43452	41.612	ug/l #	100
73) Isopropylbenzene	10.963	105	366623	65.644	ug/l	98
74) N-amyl acetate	10.848	43	117367	45.765	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	82921	43.655	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	82160m	47.373	ug/l	
77) Bromobenzene	11.201	156	68864	51.993	ug/l	93
78) n-propylbenzene	11.305	91	463333	72.153	ug/l	98
79) 2-Chlorotoluene	11.366	91	210327	53.209	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	273303	58.967	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	19732	32.915	ug/l #	83
82) 4-Chlorotoluene	11.457	91	237105	53.113	ug/l	95
83) tert-Butylbenzene	11.713	119	225870	50.208	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	340077	73.432	ug/l	97
85) sec-Butylbenzene	11.890	105	292325	52.070	ug/l	99
86) p-Isopropyltoluene	12.012	119	248094	53.010	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	127089	51.114	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	128314	48.133	ug/l	99
89) n-Butylbenzene	12.335	91	212112	50.998	ug/l	100
90) Hexachloroethane	12.542	117	35656	38.144	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	121897	47.261	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21187	43.572	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	76948	50.485	ug/l	99
94) Hexachlorobutadiene	13.725	225	30913	48.848	ug/l	98
95) Naphthalene	13.780	128	539964	97.235	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77484	49.967	ug/l	99

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

