

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027709.D
 Acq On : 25 Mar 2022 20:27
 Operator : JC/MD
 Sample : N1645-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 26 06:55:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 06:55:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	60869	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93406	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38659	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61358	61.460	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 122.920%	
35) Dibromofluoromethane	5.385	113	39031	54.070	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.140%	
50) Toluene-d8	8.653	98	138961	49.799	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	11.085	95	52842	46.668	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.340%	

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Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	163	0.231	ug/l	# 42
3) Chloromethane	1.294	50	242	0.331	ug/l	# 84
4) Vinyl Chloride	1.374	62	141	0.201	ug/l	89
5) Bromomethane	1.611	94	253	0.897	ug/l	# 66
6) Chloroethane	1.672	64	126m	0.279	ug/l	
10) Methyl Iodide	2.453	142	420	0.620	ug/l	# 83
13) Acrolein	2.221	56	73	0.561	ug/l	# 72
15) Acrylonitrile	3.068	53	351	0.771	ug/l	# 77
16) Acetone	2.379	43	784	1.857	ug/l	# 85
17) Carbon Disulfide	2.514	76	641	0.370	ug/l	# 75
20) Methylene Chloride	2.788	84	204	0.271	ug/l	# 89
21) trans-1,2-Dichloroethene	3.087	96	163	0.227	ug/l	# 37
22) Diisopropyl ether	3.763	45	499	0.205	ug/l	# 77
23) Vinyl Acetate	3.727	43	1790	0.840	ug/l	# 66
25) 2-Butanone	4.593	43	561	0.827	ug/l	# 44
29) Tetrahydrofuran	5.044	42	477m	1.192	ug/l	
36) 1,1-Dichloropropene	5.550	75	6089	5.340	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	7427	6.666	ug/l	# 15
39) Methylcyclohexane	7.379	83	357	0.272	ug/l	# 66
51) 4-Methyl-2-Pentanone	8.580	43	1167	0.848	ug/l	# 85
58) 2-Chloroethyl Vinyl ether	8.250	63	510	0.762	ug/l	# 45
59) 2-Hexanone	9.439	43	668	0.621	ug/l	86
65) Chlorobenzene	10.085	112	440	0.224	ug/l	99
67) Ethyl Benzene	10.201	91	783	0.214	ug/l	# 84
68) m/p-Xylenes	10.305	106	532	0.400	ug/l	82
69) o-Xylene	10.652	106	308	0.231	ug/l	74
73) Isopropylbenzene	10.969	105	697	0.220	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	30188	28.046	ug/l	# 38
77) Bromobenzene	11.201	156	209	0.298	ug/l	91
78) n-propylbenzene	11.305	91	948	0.252	ug/l	83
79) 2-Chlorotoluene	11.366	91	545	0.229	ug/l	75
81) trans-1,4-Dichloro-2-b...	11.085	75	30188	95.466	ug/l	# 15
84) 1,2,4-Trimethylbenzene	11.750	105	606	0.219	ug/l	85
86) p-Isopropyltoluene	12.012	119	598	0.231	ug/l	# 63
89) n-Butylbenzene	12.335	91	509	0.208	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	281	0.221	ug/l	84

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Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.591	180	170	0.227	ug/l	# 38

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Supervised By :Mahesh
Dadoda

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

03/28/2022

