

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073959.D
 Acq On : 16 Aug 2022 19:29
 Operator : JC\MD
 Sample : N4204-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2022
 Supervised By : Mahesh Dadoda 08/17/2022

Quant Time: Aug 17 01:21:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	729142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1061738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1084496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	662209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	330502	46.538	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.080%		
35) Dibromofluoromethane	7.951	113	326336	51.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.940%		
50) Toluene-d8	10.386	98	1151756	47.362	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.720%		
62) 4-Bromofluorobenzene	12.674	95	547581	67.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	135.700%#		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.287	59	715770	450.577	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	782730	37.766	ug/l #	1
25) 2-Butanone	7.263	43	161170	30.337	ug/l	98
31) Cyclohexane	8.022	56	1405232	141.940	ug/l	97
39) Methylcyclohexane	9.398	83	739412	67.663	ug/l	97
40) Benzene	8.392	78	16448377	597.559	ug/l	97
52) Toluene	10.433	92	31970722m	1693.824	ug/l	
67) Ethyl Benzene	11.775	91	27138622m	708.022	ug/l	
68) m/p-Xylenes	11.886	106	27922667m	1792.913	ug/l	
69) o-Xylene	12.222	106	16584863	1061.932	ug/l #	1
73) Isopropylbenzene	12.516	105	15680133	325.179	ug/l	92
78) n-propylbenzene	12.857	91	17405593	338.629	ug/l	83
80) 1,3,5-Trimethylbenzene	12.998	105	15717913	400.748	ug/l	87
84) 1,2,4-Trimethylbenzene	13.298	105	23074061m	589.120	ug/l	
85) sec-Butylbenzene	13.445	105	560252	11.975	ug/l #	59
86) p-Isopropyltoluene	13.557	119	192168m	4.822	ug/l	
89) n-Butylbenzene	13.880	91	484749	15.355	ug/l #	72
95) Naphthalene	15.427	128	18798074	405.316	ug/l	95

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

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