

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN073998.D
 Acq On : 18 Aug 2022 12:32
 Operator : JC\MD
 Sample : N4204-25 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 21:48:44 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	686246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	996472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	963984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	547189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	324838	48.599	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.200%		
35) Dibromofluoromethane	7.951	113	315218	53.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.980%		
50) Toluene-d8	10.381	98	1070337	46.897	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.800%		
62) 4-Bromofluorobenzene	12.669	95	469454	61.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	123.960%#		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	1580	0.261	ug/l	92
11) Tert butyl alcohol	5.293	59	108821	72.785	ug/l	99
16) Acetone	4.210	43	49416m	15.671	ug/l	
19) Methyl tert-butyl Ether	5.534	73	67476	3.459	ug/l #	1
25) 2-Butanone	7.269	43	10937	2.187	ug/l #	82
39) Methylcyclohexane	9.392	83	27509	2.682	ug/l	92
40) Benzene	8.392	78	959687	37.148	ug/l	100
52) Toluene	10.445	92	151701	8.564	ug/l	96
67) Ethyl Benzene	11.786	91	1734212	50.900	ug/l	98
68) m/p-Xylenes	11.892	106	233131	16.841	ug/l	98
69) o-Xylene	12.216	106	7600	0.547	ug/l	87
73) Isopropylbenzene	12.522	105	820536	20.593	ug/l	99
78) n-propylbenzene	12.863	91	1037716	24.433	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	41864	1.292	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	18825	0.582	ug/l	76
85) sec-Butylbenzene	13.439	105	40671	1.052	ug/l #	51
89) n-Butylbenzene	13.880	91	38760	1.486	ug/l #	69
95) Naphthalene	15.433	128	173548	4.529	ug/l #	94

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

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