

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073958.D
 Acq On : 16 Aug 2022 19:04
 Operator : JC\MD
 Sample : N4204-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 01:20:29 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	660963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	949673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	927632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	552090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	300598	46.693	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.380%		
35) Dibromofluoromethane	7.951	113	295921	52.690	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.380%		
50) Toluene-d8	10.380	98	1032840	47.484	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.960%		
62) 4-Bromofluorobenzene	12.674	95	462637	64.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	128.180%#		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.298	59	46773	32.481	ug/l #	72
25) 2-Butanone	7.263	43	106423	22.098	ug/l	93
31) Cyclohexane	8.027	56	1217145	135.623	ug/l	95
39) Methylcyclohexane	9.398	83	756714	77.417	ug/l	97
40) Benzene	8.392	78	2629748	106.811	ug/l	99
52) Toluene	10.445	92	4369027	258.788	ug/l	98
67) Ethyl Benzene	11.774	91	24262759m	740.034	ug/l	
68) m/p-Xylenes	11.898	106	6240725	468.478	ug/l	95
69) o-Xylene	12.221	106	517684	38.753	ug/l	97
73) Isopropylbenzene	12.515	105	17103120	425.435	ug/l	84
78) n-propylbenzene	12.851	91	18647284	435.147	ug/l	76
80) 1,3,5-Trimethylbenzene	13.004	105	3390142	103.676	ug/l	96
83) tert-Butylbenzene	13.262	119	17878m	0.594	ug/l	
84) 1,2,4-Trimethylbenzene	13.309	105	6939087	212.504	ug/l	98
85) sec-Butylbenzene	13.439	105	622475	15.959	ug/l #	63
86) p-Isopropyltoluene	13.556	119	50532	1.521	ug/l #	51
89) n-Butylbenzene	13.880	91	553500	21.030	ug/l #	78
95) Naphthalene	15.433	128	16417128	424.583	ug/l	98

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

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