

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070268.D
 Acq On : 21 Dec 2021 15:27
 Operator : JC/MD
 Sample : M5039-07DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Semsettin Yesilyurt 12/23/2021

Quant Time: Dec 21 20:11:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	850603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1435192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1280522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	501983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	721538	54.940	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.880%			
35) Dibromofluoromethane	8.021	113	473202	52.638	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.280%			
50) Toluene-d8	10.440	98	1850831	51.274	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.540%			
62) 4-Bromofluorobenzene	12.731	95	666472	50.965	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.920%			
Target Compounds					Qvalue	
3) Chloromethane	2.306	50	2835	0.228	ug/l	97
11) Tert butyl alcohol	5.374	59	277064	111.606	ug/l #	71
16) Acetone	4.293	43	68185	8.631	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	4574981	145.219	ug/l	94
22) Diisopropyl ether	6.492	45	22202	0.622	ug/l #	79
25) 2-Butanone	7.345	43	37038	3.450	ug/l #	89
31) Cyclohexane	8.094	56	140476	7.686	ug/l #	88
39) Methylcyclohexane	9.461	83	49436	3.042	ug/l	93
40) Benzene	8.461	78	4322264	103.499	ug/l	98
52) Toluene	10.505	92	4000674	156.914	ug/l	98
67) Ethyl Benzene	11.843	91	1841774	39.030	ug/l	96
68) m/p-Xylenes	11.950	106	2873832	167.261	ug/l	92
69) o-Xylene	12.277	106	1479490	85.487	ug/l	90
73) Isopropylbenzene	12.578	105	151048	3.382	ug/l	98
78) n-propylbenzene	12.918	91	329908	6.638	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	862531	23.994	ug/l	98
84) 1,2,4-Trimethylbenzene	13.366	105	3154413	92.139	ug/l	98
85) sec-Butylbenzene	13.500	105	11234m	0.260	ug/l	
86) p-Isopropyltoluene	13.613	119	7830m	0.232	ug/l	

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

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