Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
Data File : VN074010.D
Acq On : 18 Aug 2022 17:26
Operator : JC\MD
Sample : N4246-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
220817015-02-VOA

Quant Time: Aug 19 00:01:31 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	631728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	925783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	886947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	493307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	300857	48.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.800%			
35) Dibromofluoromethane	7.951	113	294045	53.707	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.420%			
50) Toluene-d8	10.380	98	976247	46.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.080%			
62) 4-Bromofluorobenzene	12.668	95	427872	60.801	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 121.600%			
Target Compounds						Qvalue
8) Diethyl Ether	3.763	74	5920	1.729	ug/l	81
11) Tert butyl alcohol	5.292	59	2634062	1913.829	ug/l	100
16) Acetone	4.222	43	224141	77.212	ug/l	99
17) Carbon Disulfide	4.451	76	10437	0.880	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	29461	1.641	ug/l	98
25) 2-Butanone	7.257	43	336387	73.082	ug/l #	88
29) Tetrahydrofuran	7.610	42	807413	273.454	ug/l	96
40) Benzene	8.386	78	75635	3.151	ug/l	99
49) 1,4-Dioxane	9.510	88	10053	60.197	ug/l	97
52) Toluene	10.445	92	20834	1.266	ug/l	93
65) Chlorobenzene	11.710	112	14093	0.748	ug/l	95
67) Ethyl Benzene	11.786	91	54642	1.743	ug/l	99
68) m/p-Xylenes	11.892	106	53410	4.193	ug/l	99
69) o-Xylene	12.221	106	36742	2.877	ug/l	99
73) Isopropylbenzene	12.521	105	14662	0.408	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	11307	0.387	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	45469	1.558	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	34907	2.043	ug/l	85
95) Naphthalene	15.433	128	183015	5.297	ug/l	99

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

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