Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015799.D
Acq On : 04 Aug 2021 18:30
Operator : CG/JU
Sample : M2940-09
Misc : MDL-MDL-WATER 0.2ng
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:54 PM

Quant Time: Aug 04 19:08:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	40891	0.400	ng		0.00
7) Naphthalene-d8	10.572	136	182531	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	91981	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	172543	0.400	ng		0.00
29) Chrysene-d12	21.366	240	147860	0.400	ng		0.00
35) Perylene-d12	23.710	264	146608	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	27139	0.271	ng		0.00
5) Phenol-d6	6.951	99	31948	0.264	ng		0.00
8) Nitrobenzene-d5	8.924	82	32401	0.276	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	103079	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.906	330	7363	0.221	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	99063	0.270	ng		0.00
27) Fluoranthene-d10	19.202	212	163347	0.364	ng		0.00
31) Terphenyl-d14	19.808	244	101180	0.277	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2513	0.190	ng		97
3) n-Nitrosodimethylamine	3.724	42	4775	0.175	ng	#	97
6) bis(2-Chloroethyl)ether	7.218	93	23811	0.217	ng		99
9) Naphthalene	10.610	128	96952	0.203	ng		99
10) Hexachlorobutadiene	10.914	225	16864	0.202	ng	#	100
12) 2-Methylnaphthalene	12.234	142	63049	0.205	ng		99
16) Acenaphthylene	14.129	152	68962	0.182	ng		100
17) Acenaphthene	14.472	154	51118	0.193	ng		99
18) Fluorene	15.461	166	60717	0.192	ng		100
20) 4,6-Dinitro-2-methylph...	15.538	198	596	0.126	ng	#	69
21) 4-Bromophenyl-phenylether	16.360	248	18846	0.186	ng	#	90
22) Hexachlorobenzene	16.470	284	23260	0.200	ng		100
23) Atrazine	16.628	200	10610	0.170	ng		95
24) Pentachlorophenol	16.811	266	5065	0.141	ng		99
25) Phenanthrene	17.200	178	99966	0.195	ng		99
26) Anthracene	17.298	178	79584	0.184	ng		100
28) Fluoranthene	19.232	202	102524	0.192	ng		99
30) Pyrene	19.594	202	97433	0.197	ng		100
32) Benzo(a)anthracene	21.355	228	81296	0.180	ng		100
33) Chrysene	21.408	228	95769	0.196	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	25718	0.343	ng		100
36) Indeno(1,2,3-cd)pyrene	26.110	276	89330	0.172	ng		95
37) Benzo(b)fluoranthene	23.002	252	90043	0.177	ng		99
38) Benzo(k)fluoranthene	23.050	252	104692m	0.199	ng		
39) Benzo(a)pyrene	23.608	252	74188	0.175	ng		99
40) Dibenzo(a,h)anthracene	26.130	278	72617	0.167	ng	#	86
41) Benzo(g,h,i)perylene	26.839	276	77696	0.171	ng		99

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

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