Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015809.D
Acq On : 05 Aug 2021 02:24
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WATER 0.1ng
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:08:15 PM

Quant Time: Aug 05 04:06:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 03:12:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	34425	0.400	ng	0.00
7) Naphthalene-d8	10.559	136	152674	0.400	ng	#-0.01
13) Acenaphthene-d10	14.408	164	71959	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	130189	0.400	ng	0.00
29) Chrysene-d12	21.365	240	102448	0.400	ng	# 0.00
35) Perylene-d12	23.704	264	102214	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	26658	0.317	ng	0.00
5) Phenol-d6	6.951	99	33915	0.333	ng	0.00
8) Nitrobenzene-d5	8.924	82	40318	0.411	ng	0.00
11) 2-Methylnaphthalene-d10	12.158	152	89726	0.391	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	6216	0.238	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	98055	0.342	ng	0.00
27) Fluoranthene-d10	19.202	212	126547	0.374	ng	0.00
31) Terphenyl-d14	19.808	244	87544	0.345	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	468	0.042	ng	# 75
3) n-Nitrosodimethylamine	3.733	42	902	0.039	ng	# 77
6) bis(2-Chloroethyl)ether	7.218	93	10802	0.117	ng	95
9) Naphthalene	10.609	128	42314	0.106	ng	99
10) Hexachlorobutadiene	10.914	225	7710	0.110	ng	# 100
12) 2-Methylnaphthalene	12.230	142	26626	0.103	ng	100
16) Acenaphthylene	14.129	152	30757	0.104	ng	100
17) Acenaphthene	14.472	154	20603	0.100	ng	96
18) Fluorene	15.461	166	23412	0.094	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	164	0.021	ng	# 3
21) 4-Bromophenyl-phenylether	16.360	248	7664	0.100	ng	# 84
22) Hexachlorobenzene	16.470	284	10724	0.122	ng	98
23) Atrazine	16.628	200	3123	0.066	ng	94
24) Pentachlorophenol	16.811	266	1054	0.039	ng	99
25) Phenanthrene	17.200	178	39171	0.101	ng	99
26) Anthracene	17.297	178	29243	0.090	ng	100
28) Fluoranthene	19.232	202	39812	0.099	ng	99
30) Pyrene	19.594	202	34335	0.100	ng	100
32) Benzo(a)anthracene	21.355	228	26307	0.084	ng	98
33) Chrysene	21.397	228	33655	0.099	ng	98
34) Bis(2-ethylhexyl)phtha...	21.291	149	8632	0.069	ng	98
36) Indeno(1,2,3-cd)pyrene	26.103	276	28903	0.080	ng	# 94
37) Benzo(b)fluoranthene	22.998	252	29759	0.084	ng	96
38) Benzo(k)fluoranthene	23.043	252	38462m	0.105	ng	
39) Benzo(a)pyrene	23.597	252	24007	0.081	ng	94
40) Dibenzo(a,h)anthracene	26.124	278	22889	0.075	ng	# 82
41) Benzo(g,h,i)perylene	26.832	276	25109	0.079	ng	98

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

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