Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081023\
Data File : BN026870.D
Acq On : 09 Aug 2023 17:37
Operator : MA/JU
Sample : 03815-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BUILDING-B-21-(0-5)MSD

Quant Time: Aug 10 01:08:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 17:55:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	6994	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	20449	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	14292	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	32185	0.400	ng		0.00
29) Chrysene-d12	21.659	240	24760	0.400	ng		# 0.00
35) Perylene-d12	24.215	264	25331	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	7501	0.423	ng		0.00
5) Phenol-d6	7.243	99	9340	0.407	ng		0.00
8) Nitrobenzene-d5	9.294	82	5469	0.452	ng		0.00
11) 2-Methylnaphthalene-d10	12.513	152	12699	0.433	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	2532	0.520	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	20228	0.347	ng		0.00
27) Fluoranthene-d10	19.504	212	31219	0.404	ng		0.00
31) Terphenyl-d14	20.090	244	21904	0.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	2833	0.347	ng		98
3) n-Nitrosodimethylamine	3.819	42	3197	0.351	ng		86
6) bis(2-Chloroethyl)ether	7.539	93	7998	0.387	ng		98
9) Naphthalene	10.992	128	20777	0.369	ng		99
10) Hexachlorobutadiene	11.226	225	4137	0.406	ng	#	98
12) 2-Methylnaphthalene	12.585	142	16324	0.425	ng		99
16) Acenaphthylene	14.469	152	27361	0.387	ng		100
17) Acenaphthene	14.801	154	16851	0.380	ng		98
18) Fluorene	15.780	166	22322	0.387	ng		100
20) 4,6-Dinitro-2-methylph...	16.934	198	180	0.346	ng	#	79
21) 4-Bromophenyl-phenylether	16.673	248	7108	0.365	ng		97
22) Hexachlorobenzene	16.748	284	7970	0.358	ng		98
23) Atrazine	16.934	200	5699	0.444	ng		99
24) Pentachlorophenol	17.108	266	3019	0.529	ng		99
25) Phenanthrene	17.530	178	35802	0.366	ng		99
26) Anthracene	17.617	178	32735	0.375	ng		100
28) Fluoranthene	19.537	202	41336	0.380	ng		99
30) Pyrene	19.899	202	43618	0.408	ng		99
32) Benzo(a)anthracene	21.641	228	34124	0.401	ng		99
33) Chrysene	21.695	228	34854	0.371	ng		99
34) Bis(2-ethylhexyl)phtha...	21.533	149	32718	1.161	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.919	276	34674	0.335	ng		97
37) Benzo(b)fluoranthene	23.423	252	32632	0.327	ng		96
38) Benzo(k)fluoranthene	23.475	252	33042	0.323	ng	#	94
39) Benzo(a)pyrene	24.101	252	31150	0.343	ng		96
40) Dibenzo(a,h)anthracene	26.951	278	26398	0.329	ng		98
41) Benzo(g,h,i)perylene	27.758	276	30502	0.321	ng		98

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

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