Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081023\
Data File : BN026866.D
Acq On : 09 Aug 2023 13:42
Operator : MA/JU
Sample : PB154632BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154632BSD

Quant Time: Aug 09 14:14:48 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 01:06:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	8333	0.400	ng		0.00
7) Naphthalene-d8	10.949	136	25854	0.400	ng		# 0.01
13) Acenaphthene-d10	14.737	164	15987	0.400	ng		0.00
19) Phenanthrene-d10	17.492	188	37202	0.400	ng		# 0.01
29) Chrysene-d12	21.668	240	35346	0.400	ng		0.00
35) Perylene-d12	24.226	264	43836	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.625	112	6094	0.289	ng		0.00
5) Phenol-d6	7.243	99	7491	0.274	ng		0.00
8) Nitrobenzene-d5	9.304	82	5041	0.329	ng		0.01
11) 2-Methylnaphthalene-d10	12.517	152	10074	0.272	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	2024	0.372	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	15981	0.245	ng		0.00
27) Fluoranthene-d10	19.509	212	25265	0.283	ng		0.00
31) Terphenyl-d14	20.094	244	18449	0.250	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	2444	0.251	ng		97
3) n-Nitrosodimethylamine	3.819	42	2647	0.244	ng		87
6) bis(2-Chloroethyl)ether	7.539	93	6608	0.268	ng		98
9) Naphthalene	10.991	128	18288	0.257	ng		98
10) Hexachlorobutadiene	11.237	225	3354	0.260	ng	#	99
12) 2-Methylnaphthalene	12.589	142	13016	0.268	ng		100
16) Acenaphthylene	14.469	152	20643	0.261	ng		100
17) Acenaphthene	14.801	154	12802	0.258	ng		97
18) Fluorene	15.779	166	17065	0.264	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	159	0.264	ng	#	71
21) 4-Bromophenyl-phenylether	16.673	248	5750	0.256	ng	#	91
22) Hexachlorobenzene	16.760	284	6089	0.237	ng		98
23) Atrazine	16.934	200	4857	0.327	ng		97
24) Pentachlorophenol	17.108	266	2439	0.370	ng		96
25) Phenanthrene	17.530	178	28536	0.253	ng		100
26) Anthracene	17.616	178	26268	0.260	ng		100
28) Fluoranthene	19.537	202	33356	0.265	ng		99
30) Pyrene	19.904	202	35018	0.229	ng		100
32) Benzo(a)anthracene	21.650	228	34807	0.287	ng		99
33) Chrysene	21.703	228	33937	0.253	ng		99
34) Bis(2-ethylhexyl)phtha...	21.542	149	27478	0.683	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.928	276	47894	0.268	ng		98
37) Benzo(b)fluoranthene	23.431	252	37443	0.217	ng		95
38) Benzo(k)fluoranthene	23.484	252	37442	0.211	ng	#	94
39) Benzo(a)pyrene	24.110	252	37579	0.239	ng		96
40) Dibenzo(a,h)anthracene	26.963	278	37920	0.273	ng		97
41) Benzo(g,h,i)perylene	27.770	276	41046	0.250	ng		97

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

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