Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029359.D
Acq On : 23 Jan 2024 23:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 24 01:10:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 02:16:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.912	152	5272	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	15099	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	7925	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	17350	0.400	ng		0.00
29) Chrysene-d12	21.501	240	15656	0.400	ng	#	0.00
35) Perylene-d12	23.899	264	16662	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.478	112	6566	0.469	ng		0.00
5) Phenol-d6	7.074	99	8844	0.473	ng		0.00
8) Nitrobenzene-d5	9.078	82	5766	0.360	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	9044	0.362	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	1439	0.348	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	14030	0.368	ng		0.00
27) Fluoranthene-d10	19.340	212	17844	0.347	ng		0.00
31) Terphenyl-d14	19.949	244	13864	0.346	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	2630	0.384	ng		95
3) n-Nitrosodimethylamine	3.723	42	2293	0.330	ng	#	85
6) bis(2-Chloroethyl)ether	7.349	93	6795	0.393	ng		100
9) Naphthalene	10.765	128	18012	0.371	ng		98
10) Hexachlorobutadiene	11.043	225	3379	0.331	ng	#	99
12) 2-Methylnaphthalene	12.378	142	11410	0.362	ng		99
16) Acenaphthylene	14.276	152	15238	0.361	ng		100
17) Acenaphthene	14.618	154	10532	0.371	ng		98
18) Fluorene	15.604	166	13595	0.353	ng		99
20) 4,6-Dinitro-2-methylph...	15.679	198	947	0.296	ng		98
21) 4-Bromophenyl-phenylether	16.498	248	4404	0.348	ng	#	70
22) Hexachlorobenzene	16.597	284	5315	0.340	ng		95
23) Atrazine	16.771	200	3193	0.345	ng	#	88
24) Pentachlorophenol	16.945	266	1683	0.322	ng		98
25) Phenanthrene	17.342	178	21739	0.365	ng		100
26) Anthracene	17.441	178	18590	0.353	ng		99
28) Fluoranthene	19.368	202	24871	0.349	ng		98
30) Pyrene	19.735	202	25520	0.357	ng		100
32) Benzo(a)anthracene	21.492	228	25520	0.391	ng		100
33) Chrysene	21.537	228	24293	0.361	ng		99
34) Bis(2-ethylhexyl)phtha...	21.438	149	15570	0.433	ng		98
36) Indeno(1,2,3-cd)pyrene	26.379	276	24532	0.345	ng		97
37) Benzo(b)fluoranthene	23.171	252	23747	0.335	ng		98
38) Benzo(k)fluoranthene	23.221	252	24081	0.346	ng	#	96
39) Benzo(a)pyrene	23.794	252	20027	0.359	ng		99
40) Dibenzo(a,h)anthracene	26.411	278	19730	0.343	ng		98
41) Benzo(g,h,i)perylene	27.139	276	20923	0.339	ng		96

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

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