Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
Data File : BN035935.D
Acq On : 15 Jan 2025 17:36
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 15 18:18:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.832	152	876	0.400	ng		0.00
7) Naphthalene-d8	10.622	136	1636	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	842	0.400	ng		0.00
19) Phenanthrene-d10	17.199	188	1736	0.400	ng		-0.01
29) Chrysene-d12	21.376	240	1462	0.400	ng		0.00
35) Perylene-d12	23.683	264	1643	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.398	112	801	0.373	ng		-0.01
5) Phenol-d6	6.979	99	971	0.364	ng		0.00
8) Nitrobenzene-d5	8.967	82	557	0.430	ng		-0.01
11) 2-Methylnaphthalene-d10	12.208	152	855	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.945	330	225	0.557	ng		-0.01
15) 2-Fluorobiphenyl	13.084	172	1512	0.409	ng		0.00
27) Fluoranthene-d10	19.230	212	1701	0.395	ng		0.00
31) Terphenyl-d14	19.829	244	1194	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	340	0.391	ng	#	91
3) n-Nitrosodimethylamine	3.621	42	747	0.492	ng	#	78
6) bis(2-Chloroethyl)ether	7.247	93	729	0.359	ng		95
9) Naphthalene	10.664	128	1816	0.395	ng		97
10) Hexachlorobutadiene	10.974	225	643	0.431	ng	#	100
12) 2-Methylnaphthalene	12.284	142	1134	0.399	ng		96
16) Acenaphthylene	14.174	152	1570	0.396	ng		99
17) Acenaphthene	14.516	154	1098	0.422	ng		93
18) Fluorene	15.500	166	1138	0.398	ng		97
20) 4,6-Dinitro-2-methylph...	15.573	198	176	0.584	ng	#	76
21) 4-Bromophenyl-phenylether	16.392	248	495	0.416	ng		93
22) Hexachlorobenzene	16.516	284	657	0.405	ng		99
23) Atrazine	16.665	200	366	0.458	ng	#	91
24) Pentachlorophenol	16.851	266	312	0.543	ng		97
25) Phenanthrene	17.236	178	1966	0.388	ng		100
26) Anthracene	17.335	178	1787	0.388	ng		99
28) Fluoranthene	19.258	202	2316	0.392	ng	#	98
30) Pyrene	19.620	202	2348	0.396	ng		99
32) Benzo(a)anthracene	21.358	228	2076	0.403	ng		98
33) Chrysene	21.412	228	2108	0.391	ng		96
34) Bis(2-ethylhexyl)phtha...	21.313	149	1046	0.499	ng	#	94
36) Indeno(1,2,3-cd)pyrene	26.025	276	2530	0.390	ng	#	95
37) Benzo(b)fluoranthene	22.985	252	2163	0.383	ng		96
38) Benzo(k)fluoranthene	23.034	252	2259	0.404	ng		99
39) Benzo(a)pyrene	23.578	252	1887	0.386	ng		96
40) Dibenzo(a,h)anthracene	26.049	278	2030	0.394	ng		95
41) Benzo(g,h,i)perylene	26.744	276	2167	0.376	ng	#	94

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

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