Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
Data File : BN036599.D
Acq On : 12 Mar 2025 14:39
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 12 15:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2143	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4893	0.400	ng	#	0.00
13) Acenaphthene-d10	14.355	164	2741	0.400	ng		-0.01
19) Phenanthrene-d10	17.111	188	5315	0.400	ng		0.00
29) Chrysene-d12	21.295	240	3522	0.400	ng		0.00
35) Perylene-d12	23.554	264	3048	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	2053	0.411	ng		0.00
5) Phenol-d6	6.894	99	2419	0.392	ng		0.00
8) Nitrobenzene-d5	8.864	82	2165	0.407	ng		-0.01
11) 2-Methylnaphthalene-d10	12.101	152	2781	0.382	ng		-0.01
14) 2,4,6-Tribromophenol	15.858	330	523	0.420	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	6493	0.407	ng		0.00
27) Fluoranthene-d10	19.141	212	5789	0.425	ng		0.00
31) Terphenyl-d14	19.745	244	3590	0.425	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1080	0.454	ng		97
3) n-Nitrosodimethylamine	3.550	42	2077	0.432	ng	#	97
6) bis(2-Chloroethyl)ether	7.146	93	2535	0.397	ng		100
9) Naphthalene	10.551	128	5662	0.393	ng		99
10) Hexachlorobutadiene	10.850	225	1364	0.403	ng	#	99
12) 2-Methylnaphthalene	12.177	142	3509	0.383	ng		97
16) Acenaphthylene	14.077	152	5282	0.408	ng		100
17) Acenaphthene	14.420	154	3472	0.410	ng		99
18) Fluorene	15.414	166	4821	0.421	ng		100
20) 4,6-Dinitro-2-methylph...	15.499	198	422	0.456	ng	#	80
21) 4-Bromophenyl-phenylether	16.304	248	1471	0.442	ng		93
22) Hexachlorobenzene	16.416	284	1775	0.442	ng		94
23) Atrazine	16.577	200	1127	0.422	ng		97
24) Pentachlorophenol	16.764	266	728	0.397	ng		98
25) Phenanthrene	17.148	178	6995	0.439	ng		100
26) Anthracene	17.248	178	6038	0.420	ng		99
28) Fluoranthene	19.173	202	7601	0.424	ng		99
30) Pyrene	19.536	202	7693	0.447	ng		99
32) Benzo(a)anthracene	21.286	228	5109	0.417	ng		99
33) Chrysene	21.331	228	5894	0.440	ng		100
34) Bis(2-ethylhexyl)phtha...	21.214	149	4026	0.462	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.838	276	4646	0.422	ng		97
37) Benzo(b)fluoranthene	22.876	252	4787	0.432	ng		98
38) Benzo(k)fluoranthene	22.920	252	5015	0.431	ng		98
39) Benzo(a)pyrene	23.455	252	4056	0.434	ng		97
40) Dibenzo(a,h)anthracene	25.852	278	3545	0.414	ng		96
41) Benzo(g,h,i)perylene	26.531	276	4295	0.438	ng		98

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

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