Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071625\
Data File : BN037518.D
Acq On : 16 Jul 2025 15:34
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 16 16:04:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 16 02:38:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1896	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4826	0.400	ng	-0.01
13) Acenaphthene-d10	14.356	164	2701	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	5265	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	4092	0.400	ng	0.00
35) Perylene-d12	23.525	264	3672	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	1698	0.362	ng	0.00
5) Phenol-d6	6.880	99	2070	0.352	ng	0.00
8) Nitrobenzene-d5	8.854	82	1353	0.375	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2535	0.366	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	419	0.316	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	5861	0.417	ng	0.00
27) Fluoranthene-d10	19.127	212	4966	0.356	ng	0.00
31) Terphenyl-d14	19.731	244	3464	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	742	0.407	ng	99
3) n-Nitrosodimethylamine	3.543	42	991	0.432	ng	# 84
6) bis(2-Chloroethyl)ether	7.140	93	1867	0.381	ng	99
9) Naphthalene	10.552	128	4995	0.388	ng	99
10) Hexachlorobutadiene	10.851	225	1218	0.428	ng	# 99
12) 2-Methylnaphthalene	12.167	142	3209	0.379	ng	99
16) Acenaphthylene	14.067	152	4663	0.385	ng	99
17) Acenaphthene	14.420	154	3153	0.383	ng	97
18) Fluorene	15.403	166	4052	0.383	ng	98
20) 4,6-Dinitro-2-methylph...	15.467	198	229	0.411	ng	88
21) 4-Bromophenyl-phenylether	16.292	248	1285	0.381	ng	99
22) Hexachlorobenzene	16.404	284	1804	0.414	ng	97
23) Atrazine	16.565	200	778	0.331	ng	97
24) Pentachlorophenol	16.751	266	582	0.298	ng	98
25) Phenanthrene	17.136	178	6119	0.388	ng	100
26) Anthracene	17.223	178	5335	0.371	ng	100
28) Fluoranthene	19.155	202	6566	0.361	ng	99
30) Pyrene	19.517	202	6489	0.394	ng	100
32) Benzo(a)anthracene	21.268	228	5158	0.360	ng	100
33) Chrysene	21.322	228	5905	0.396	ng	99
34) Bis(2-ethylhexyl)phtha...	21.223	149	2102	0.326	ng	96
36) Indeno(1,2,3-cd)pyrene	25.791	276	5640	0.369	ng	98
37) Benzo(b)fluoranthene	22.853	252	5333	0.383	ng	100
38) Benzo(k)fluoranthene	22.897	252	5612	0.390	ng	98
39) Benzo(a)pyrene	23.429	252	4135	0.356	ng	98
40) Dibenzo(a,h)anthracene	25.809	278	4587	0.370	ng	98
41) Benzo(g,h,i)perylene	26.478	276	4818	0.376	ng	99

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

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