Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073025\
Data File : BN037557.D
Acq On : 30 Jul 2025 15:16
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 30 15:38:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	1845	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	4602	0.400	ng		-0.01
13) Acenaphthene-d10	14.345	164	2311	0.400	ng		-0.01
19) Phenanthrene-d10	17.086	188	4367	0.400	ng		#-0.01
29) Chrysene-d12	21.277	240	3426	0.400	ng		# 0.00
35) Perylene-d12	23.522	264	3201	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1578	0.346	ng		0.00
5) Phenol-d6	6.879	99	1930	0.337	ng		0.00
8) Nitrobenzene-d5	8.854	82	1276	0.371	ng		-0.01
11) 2-Methylnaphthalene-d10	12.091	152	2309	0.350	ng		-0.01
14) 2,4,6-Tribromophenol	15.833	330	330	0.290	ng		-0.01
15) 2-Fluorobiphenyl	12.978	172	5035	0.419	ng		0.00
27) Fluoranthene-d10	19.122	212	3994	0.345	ng		0.00
31) Terphenyl-d14	19.731	244	2801	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	692	0.390	ng		95
3) n-Nitrosodimethylamine	3.543	42	988	0.443	ng	#	78
6) bis(2-Chloroethyl)ether	7.139	93	1783	0.374	ng		99
9) Naphthalene	10.551	128	4654	0.379	ng		100
10) Hexachlorobutadiene	10.850	225	1239	0.457	ng	#	99
12) 2-Methylnaphthalene	12.167	142	2862	0.355	ng		96
16) Acenaphthylene	14.067	152	3886	0.375	ng		99
17) Acenaphthene	14.409	154	2672	0.380	ng		95
18) Fluorene	15.403	166	3321	0.366	ng		97
20) 4,6-Dinitro-2-methylph...	15.467	198	190	0.411	ng		86
21) 4-Bromophenyl-phenylether	16.292	248	1020	0.365	ng	#	88
22) Hexachlorobenzene	16.404	284	1490	0.412	ng		95
23) Atrazine	16.553	200	655	0.336	ng	#	92
24) Pentachlorophenol	16.739	266	464	0.286	ng		99
25) Phenanthrene	17.136	178	4934	0.377	ng		99
26) Anthracene	17.223	178	4201	0.352	ng		100
28) Fluoranthene	19.155	202	5332	0.353	ng		98
30) Pyrene	19.517	202	5170	0.375	ng		100
32) Benzo(a)anthracene	21.268	228	4356	0.363	ng		99
33) Chrysene	21.313	228	4922	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	1967	0.364	ng		96
36) Indeno(1,2,3-cd)pyrene	25.785	276	5062	0.380	ng		97
37) Benzo(b)fluoranthene	22.850	252	4531	0.373	ng		98
38) Benzo(k)fluoranthene	22.891	252	5005	0.399	ng		95
39) Benzo(a)pyrene	23.423	252	3657	0.361	ng		96
40) Dibenzo(a,h)anthracene	25.803	278	3969	0.368	ng		97
41) Benzo(g,h,i)perylene	26.472	276	4130	0.370	ng		97

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

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