Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037338.D
Acq On : 19 Jun 2025 07:06
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 19 08:40:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:40:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1113	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	2382	0.400	ng	-0.01
13) Acenaphthene-d10	14.213	164	1845	0.400	ng	-0.01
19) Phenanthrene-d10	16.971	188	3718	0.400	ng	# 0.00
29) Chrysene-d12	21.171	240	4022	0.400	ng	# 0.00
35) Perylene-d12	23.354	264	4432	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	824	0.407	ng	0.00
5) Phenol-d6	6.744	99	822	0.413	ng	-0.01
8) Nitrobenzene-d5	8.717	82	838	0.422	ng	-0.01
11) 2-Methylnaphthalene-d10	11.945	152	1681	0.434	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	474	0.348	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	3085	0.382	ng	0.00
27) Fluoranthene-d10	19.007	212	4858	0.412	ng	0.00
31) Terphenyl-d14	19.616	244	3537	0.383	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	354	0.356	ng	# 84
3) n-Nitrosodimethylamine	3.422	42	501	0.435	ng	# 92
6) bis(2-Chloroethyl)ether	7.004	93	760	0.446	ng	95
9) Naphthalene	10.393	128	2491	0.404	ng	# 91
10) Hexachlorobutadiene	10.682	225	1263	0.405	ng	# 100
12) 2-Methylnaphthalene	12.016	142	1782	0.411	ng	97
16) Acenaphthylene	13.935	152	2739	0.353	ng	100
17) Acenaphthene	14.277	154	1810	0.351	ng	98
18) Fluorene	15.271	166	2602	0.356	ng	99
20) 4,6-Dinitro-2-methylph...	15.368	198	416	0.364	ng	# 75
21) 4-Bromophenyl-phenylether	16.164	248	1169	0.379	ng	# 86
22) Hexachlorobenzene	16.276	284	1252	0.387	ng	98
23) Atrazine	16.450	200	931	0.386	ng	# 89
24) Pentachlorophenol	16.624	266	670	0.374	ng	96
25) Phenanthrene	17.009	178	4069	0.389	ng	100
26) Anthracene	17.095	178	3708	0.378	ng	99
28) Fluoranthene	19.040	202	5640	0.388	ng	99
30) Pyrene	19.402	202	5903	0.385	ng	100
32) Benzo(a)anthracene	21.153	228	5224	0.403	ng	98
33) Chrysene	21.206	228	6306	0.381	ng	97
34) Bis(2-ethylhexyl)phtha...	21.099	149	2060	0.388	ng	98
36) Indeno(1,2,3-cd)pyrene	25.541	276	7414	0.398	ng	# 92
37) Benzo(b)fluoranthene	22.702	252	6091	0.393	ng	92
38) Benzo(k)fluoranthene	22.702	252	6091	0.358	ng	92
39) Benzo(a)pyrene	23.260	252	5521	0.385	ng	90
40) Dibenzo(a,h)anthracene	25.552	278	5778	0.386	ng	# 83
41) Benzo(g,h,i)perylene	26.201	276	6613	0.387	ng	95

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

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