Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
Data File : BN036574.D
Acq On : 11 Mar 2025 10:08
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 11 10:37:59 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	7.724	152	2295	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5467	0.400	ng		0.00
13) Acenaphthene-d10	14.366	164	3343	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	6922	0.400	ng		0.00
29) Chrysene-d12	21.295	240	4977	0.400	ng		0.00
35) Perylene-d12	23.554	264	4232	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	2072	0.387	ng		0.00
5) Phenol-d6	6.894	99	2430	0.368	ng		0.00
8) Nitrobenzene-d5	8.875	82	2084	0.350	ng		0.00
11) 2-Methylnaphthalene-d10	12.111	152	3077	0.378	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	570	0.376	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	7060	0.363	ng		0.00
27) Fluoranthene-d10	19.141	212	7182	0.405	ng		0.00
31) Terphenyl-d14	19.745	244	4607	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1163	0.457	ng		95
3) n-Nitrosodimethylamine	3.550	42	1971	0.383	ng		95
6) bis(2-Chloroethyl)ether	7.147	93	2545	0.373	ng		100
9) Naphthalene	10.562	128	6096	0.379	ng		100
10) Hexachlorobutadiene	10.851	225	1495	0.395	ng	#	100
12) 2-Methylnaphthalene	12.182	142	3851	0.376	ng		98
16) Acenaphthylene	14.078	152	6004	0.381	ng		99
17) Acenaphthene	14.420	154	3941	0.382	ng		99
18) Fluorene	15.414	166	5415	0.388	ng		99
20) 4,6-Dinitro-2-methylph...	15.510	198	407	0.376	ng		95
21) 4-Bromophenyl-phenylether	16.305	248	1650	0.380	ng		96
22) Hexachlorobenzene	16.416	284	2073	0.396	ng		99
23) Atrazine	16.578	200	1319	0.379	ng		97
24) Pentachlorophenol	16.776	266	800	0.335	ng		98
25) Phenanthrene	17.149	178	8248	0.397	ng		99
26) Anthracene	17.248	178	7203	0.384	ng		99
28) Fluoranthene	19.174	202	9516	0.408	ng		100
30) Pyrene	19.536	202	9574	0.393	ng		100
32) Benzo(a)anthracene	21.277	228	6681	0.386	ng		97
33) Chrysene	21.331	228	7472	0.395	ng		100
34) Bis(2-ethylhexyl)phtha...	21.214	149	4774	0.387	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.835	276	5731	0.375	ng		97
37) Benzo(b)fluoranthene	22.873	252	6389	0.415	ng		97
38) Benzo(k)fluoranthene	22.917	252	6510	0.403	ng		97
39) Benzo(a)pyrene	23.455	252	5454	0.421	ng		96
40) Dibenzo(a,h)anthracene	25.852	278	4158	0.350	ng		99
41) Benzo(g,h,i)perylene	26.534	276	5220	0.384	ng		99

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

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