Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
Data File : BN036900.D
Acq On : 14 Apr 2025 14:38
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Apr 14 17:56:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:55:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	1387	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	3400	0.400	ng		0.00
13) Acenaphthene-d10	14.277	164	1899	0.400	ng		0.00
19) Phenanthrene-d10	17.033	188	3763	0.400	ng		0.00
29) Chrysene-d12	21.224	240	3219	0.400	ng		0.00
35) Perylene-d12	23.433	264	3042	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	1334	0.407	ng		0.00
5) Phenol-d6	6.809	99	1621	0.394	ng		0.00
8) Nitrobenzene-d5	8.781	82	1508	0.392	ng		0.00
11) 2-Methylnaphthalene-d10	12.011	152	2019	0.408	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	374	0.410	ng		0.00
15) 2-Fluorobiphenyl	12.904	172	3848	0.420	ng		0.00
27) Fluoranthene-d10	19.063	212	4276	0.430	ng		0.00
31) Terphenyl-d14	19.667	244	2909	0.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	693	0.437	ng		100
3) n-Nitrosodimethylamine	3.466	42	1564	0.427	ng		100
6) bis(2-Chloroethyl)ether	7.062	93	1593	0.399	ng		100
9) Naphthalene	10.468	128	4072	0.412	ng		100
10) Hexachlorobutadiene	10.757	225	974	0.429	ng	#	100
12) 2-Methylnaphthalene	12.087	142	2544	0.405	ng		100
16) Acenaphthylene	13.999	152	3612	0.401	ng		100
17) Acenaphthene	14.341	154	2417	0.407	ng		100
18) Fluorene	15.336	166	3173	0.405	ng		100
20) 4,6-Dinitro-2-methylph...	15.421	198	406	0.411	ng		100
21) 4-Bromophenyl-phenylether	16.227	248	1031	0.432	ng		100
22) Hexachlorobenzene	16.338	284	1166	0.436	ng		100
23) Atrazine	16.500	200	894	0.451	ng		100
24) Pentachlorophenol	16.686	266	600	0.420	ng		100
25) Phenanthrene	17.071	178	4960	0.430	ng		100
26) Anthracene	17.158	178	4394	0.423	ng		100
28) Fluoranthene	19.096	202	5775	0.426	ng		100
30) Pyrene	19.458	202	5880	0.406	ng		100
32) Benzo(a)anthracene	21.207	228	4716	0.404	ng		100
33) Chrysene	21.260	228	5277	0.418	ng		100
34) Bis(2-ethylhexyl)phtha...	21.144	149	2793	0.414	ng		100
36) Indeno(1,2,3-cd)pyrene	25.652	276	4638	0.421	ng		100
37) Benzo(b)fluoranthene	22.769	252	4978	0.423	ng		100
38) Benzo(k)fluoranthene	22.813	252	5110	0.430	ng		100
39) Benzo(a)pyrene	23.336	252	4174	0.425	ng		100
40) Dibenzo(a,h)anthracene	25.675	278	3598	0.420	ng		100
41) Benzo(g,h,i)perylene	26.336	276	4053	0.428	ng		100

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

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