Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
Data File : BN036905.D
Acq On : 14 Apr 2025 17:39
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN041425

Quant Time: Apr 14 18:01:54 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 17:58:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	2284	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	5795	0.400	ng		0.00
13) Acenaphthene-d10	14.277	164	3208	0.400	ng		0.00
19) Phenanthrene-d10	17.033	188	6273	0.400	ng		0.00
29) Chrysene-d12	21.224	240	5203	0.400	ng		0.00
35) Perylene-d12	23.436	264	4681	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	2109	0.391	ng		0.00
5) Phenol-d6	6.809	99	2518	0.372	ng		0.00
8) Nitrobenzene-d5	8.781	82	2553	0.390	ng		0.00
11) 2-Methylnaphthalene-d10	12.011	152	3366	0.399	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	510	0.331	ng		0.00
15) 2-Fluorobiphenyl	12.899	172	6990	0.451	ng		0.00
27) Fluoranthene-d10	19.063	212	6761	0.407	ng		0.00
31) Terphenyl-d14	19.672	244	5020	0.441	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	1219	0.467	ng		97
3) n-Nitrosodimethylamine	3.465	42	2281	0.378	ng		91
6) bis(2-Chloroethyl)ether	7.062	93	2742	0.418	ng		99
9) Naphthalene	10.468	128	6854	0.407	ng		96
10) Hexachlorobutadiene	10.757	225	1591	0.411	ng	#	98
12) 2-Methylnaphthalene	12.087	142	4031	0.376	ng		96
16) Acenaphthylene	13.999	152	6788	0.446	ng		99
17) Acenaphthene	14.341	154	4084	0.407	ng		99
18) Fluorene	15.336	166	5392	0.407	ng		100
20) 4,6-Dinitro-2-methylph...	15.421	198	621	0.363	ng		97
21) 4-Bromophenyl-phenylether	16.227	248	1688	0.425	ng		98
22) Hexachlorobenzene	16.338	284	1899	0.426	ng		98
23) Atrazine	16.500	200	1508	0.456	ng		99
24) Pentachlorophenol	16.686	266	853	0.358	ng		99
25) Phenanthrene	17.071	178	8446	0.439	ng		99
26) Anthracene	17.157	178	7704	0.445	ng		99
28) Fluoranthene	19.096	202	9368	0.414	ng		99
30) Pyrene	19.458	202	9483	0.405	ng		99
32) Benzo(a)anthracene	21.206	228	8028	0.425	ng		99
33) Chrysene	21.260	228	8745	0.429	ng		100
34) Bis(2-ethylhexyl)phtha...	21.144	149	4585	0.421	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.661	276	7286	0.429	ng		98
37) Benzo(b)fluoranthene	22.772	252	7575	0.418	ng		98
38) Benzo(k)fluoranthene	22.816	252	8145	0.445	ng		97
39) Benzo(a)pyrene	23.339	252	6835	0.453	ng	#	92
40) Dibenzo(a,h)anthracene	25.669	278	5596	0.424	ng		96
41) Benzo(g,h,i)perylene	26.336	276	5939	0.408	ng		97

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

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