Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
Data File : BN036904.D
Acq On : 14 Apr 2025 17:03
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Apr 14 17:38:27 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 17:32:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	2526	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	6265	0.400	ng		0.00
13) Acenaphthene-d10	14.277	164	3616	0.400	ng		0.00
19) Phenanthrene-d10	17.021	188	7550	0.400	ng		#-0.01
29) Chrysene-d12	21.224	240	6382	0.400	ng		0.00
35) Perylene-d12	23.436	264	5326	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	29054	4.867	ng		0.00
5) Phenol-d6	6.809	99	37948	5.065	ng		0.00
8) Nitrobenzene-d5	8.781	82	33314	4.703	ng		0.00
11) 2-Methylnaphthalene-d10	12.011	152	45237	4.957	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	8793	5.062	ng		0.00
15) 2-Fluorobiphenyl	12.899	172	85634	4.906	ng		0.00
27) Fluoranthene-d10	19.063	212	101727	5.094	ng		0.00
31) Terphenyl-d14	19.667	244	68520	4.907	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	12754	4.325	ng		96
3) n-Nitrosodimethylamine	3.458	42	29084	4.361	ng	#	95
6) bis(2-Chloroethyl)ether	7.062	93	33742	4.646	ng		99
9) Naphthalene	10.468	128	85759	4.710	ng		94
10) Hexachlorobutadiene	10.757	225	18893	4.511	ng	#	100
12) 2-Methylnaphthalene	12.087	142	57358	4.951	ng		97
16) Acenaphthylene	13.999	152	87416	5.096	ng		100
17) Acenaphthene	14.341	154	56020	4.956	ng		97
18) Fluorene	15.336	166	74494	4.994	ng		99
20) 4,6-Dinitro-2-methylph...	15.410	198	11841	5.754	ng		92
21) 4-Bromophenyl-phenylether	16.227	248	23320	4.875	ng	#	90
22) Hexachlorobenzene	16.338	284	24901	4.643	ng		97
23) Atrazine	16.500	200	19423	4.880	ng	#	92
24) Pentachlorophenol	16.686	266	15597	5.441	ng		100
25) Phenanthrene	17.071	178	115620	4.996	ng		99
26) Anthracene	17.158	178	108061	5.188	ng		100
28) Fluoranthene	19.091	202	138759	5.101	ng		99
30) Pyrene	19.458	202	140457	4.892	ng		100
32) Benzo(a)anthracene	21.206	228	119518	5.160	ng		99
33) Chrysene	21.260	228	119027	4.756	ng		99
34) Bis(2-ethylhexyl)phtha...	21.153	149	65010	4.866	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.655	276	97485	5.050	ng		95
37) Benzo(b)fluoranthene	22.772	252	108304	5.258	ng	#	89
38) Benzo(k)fluoranthene	22.816	252	108417	5.211	ng	#	89
39) Benzo(a)pyrene	23.339	252	89751	5.224	ng	#	79
40) Dibenzo(a,h)anthracene	25.669	278	76444	5.092	ng	#	90
41) Benzo(g,h,i)perylene	26.333	276	80600	4.864	ng		97

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

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