Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021025\
Data File : BN036416.D
Acq On : 10 Feb 2025 16:36
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN021025

Quant Time: Feb 11 01:25:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	2722	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	6737	0.400	ng		0.00
13) Acenaphthene-d10	14.388	164	4328	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	9717	0.400	ng		0.00
29) Chrysene-d12	21.322	240	8903	0.400	ng		0.00
35) Perylene-d12	23.592	264	8977	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	2386	0.371	ng		0.00
5) Phenol-d6	6.937	99	2616	0.347	ng		0.00
8) Nitrobenzene-d5	8.907	82	2386	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	12.136	152	4026	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.882	330	713	0.332	ng		0.00
15) 2-Fluorobiphenyl	13.019	172	6616	0.407	ng		0.00
27) Fluoranthene-d10	19.169	212	10243	0.379	ng		0.00
31) Terphenyl-d14	19.768	244	7744	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	1221	0.410	ng		98
3) n-Nitrosodimethylamine	3.579	42	1993	0.385	ng		96
6) bis(2-Chloroethyl)ether	7.183	93	3230	0.409	ng		96
9) Naphthalene	10.594	128	7554	0.389	ng		99
10) Hexachlorobutadiene	10.882	225	1910	0.404	ng	#	99
12) 2-Methylnaphthalene	12.212	142	5146	0.404	ng		98
16) Acenaphthylene	14.110	152	8061	0.422	ng		100
17) Acenaphthene	14.452	154	5199	0.407	ng		99
18) Fluorene	15.446	166	7222	0.397	ng		98
20) 4,6-Dinitro-2-methylph...	15.522	198	664	0.348	ng		92
21) 4-Bromophenyl-phenylether	16.329	248	2290	0.395	ng		96
22) Hexachlorobenzene	16.453	284	2904	0.406	ng		97
23) Atrazine	16.615	200	1916	0.396	ng		98
24) Pentachlorophenol	16.801	266	1075	0.316	ng		99
25) Phenanthrene	17.173	178	11446	0.408	ng		100
26) Anthracene	17.273	178	10171	0.411	ng		99
28) Fluoranthene	19.197	202	13415	0.389	ng		100
30) Pyrene	19.559	202	13881	0.405	ng		100
32) Benzo(a)anthracene	21.304	228	11819	0.403	ng		99
33) Chrysene	21.357	228	13425	0.423	ng		98
34) Bis(2-ethylhexyl)phtha...	21.241	149	6985	0.383	ng		98
36) Indeno(1,2,3-cd)pyrene	25.896	276	13738	0.438	ng		100
37) Benzo(b)fluoranthene	22.908	252	12283	0.415	ng		97
38) Benzo(k)fluoranthene	22.955	252	13099	0.430	ng		97
39) Benzo(a)pyrene	23.493	252	11703	0.454	ng		95
40) Dibenzo(a,h)anthracene	25.908	278	10585	0.427	ng		96
41) Benzo(g,h,i)perylene	26.595	276	10921	0.389	ng		98

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

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