Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027763.D
Acq On : 20 Sep 2023 13:56
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN092023

Quant Time: Oct 11 17:34:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 17:33:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.008	152	1703	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	5686	0.400	ng		0.00
13) Acenaphthene-d10	14.641	164	3945	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	11234	0.400	ng		0.00
29) Chrysene-d12	21.578	240	11750	0.400	ng		0.00
35) Perylene-d12	24.075	264	11360	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.538	112	1776	0.412	ng		0.00
5) Phenol-d6	7.156	99	2099	0.390	ng		0.00
8) Nitrobenzene-d5	9.209	82	1784	0.396	ng		0.00
11) 2-Methylnaphthalene-d10	12.411	152	3550	0.428	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	612	0.365	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	5219	0.392	ng		0.00
27) Fluoranthene-d10	19.421	212	12371	0.424	ng		0.00
31) Terphenyl-d14	20.006	244	8970	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	855	0.410	ng		97
3) n-Nitrosodimethylamine	3.776	42	1074	0.447	ng	#	94
6) bis(2-Chloroethyl)ether	7.445	93	2244	0.426	ng		100
9) Naphthalene	10.885	128	6754	0.428	ng		99
10) Hexachlorobutadiene	11.109	225	1181	0.431	ng	#	100
12) 2-Methylnaphthalene	12.487	142	4730	0.432	ng		99
16) Acenaphthylene	14.373	152	6760	0.401	ng		99
17) Acenaphthene	14.705	154	5143	0.430	ng		98
18) Fluorene	15.693	166	7482	0.431	ng		100
20) 4,6-Dinitro-2-methylph...	15.792	198	354	0.457	ng		96
21) 4-Bromophenyl-phenylether	16.586	248	2312	0.403	ng		98
22) Hexachlorobenzene	16.661	284	2704	0.414	ng		99
23) Atrazine	16.847	200	1659	0.392	ng		98
24) Pentachlorophenol	17.033	266	883	0.388	ng		99
25) Phenanthrene	17.443	178	13446	0.409	ng		100
26) Anthracene	17.530	178	11196	0.398	ng		100
28) Fluoranthene	19.453	202	16885	0.418	ng		100
30) Pyrene	19.816	202	17452	0.413	ng		100
32) Benzo(a)anthracene	21.560	228	16518	0.405	ng		100
33) Chrysene	21.614	228	19261	0.429	ng		100
34) Bis(2-ethylhexyl)phtha...	21.435	149	6603	0.366	ng		100
36) Indeno(1,2,3-cd)pyrene	26.706	276	19166	0.397	ng		100
37) Benzo(b)fluoranthene	23.300	252	18136	0.404	ng		100
38) Benzo(k)fluoranthene	23.350	252	18043	0.396	ng		99
39) Benzo(a)pyrene	23.964	252	16352	0.401	ng		98
40) Dibenzo(a,h)anthracene	26.732	278	15614	0.396	ng		99
41) Benzo(g,h,i)perylene	27.522	276	17800	0.408	ng		99

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

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