Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122723\
Data File : BN029197.D
Acq On : 27 Dec 2023 12:11
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 28 01:17:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:12:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	595	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	1208	0.400	ng		0.00
13) Acenaphthene-d10	14.372	164	708	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1241	0.400	ng	#	0.00
29) Chrysene-d12	21.340	240	476	0.400	ng		0.00
35) Perylene-d12	23.625	264	538	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	1133	0.819	ng		0.00
5) Phenol-d6	6.944	99	1276	0.821	ng		0.00
8) Nitrobenzene-d5	8.907	82	1193	0.787	ng		0.00
11) 2-Methylnaphthalene-d10	12.117	152	1735	0.831	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	439	0.804	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	3212	0.846	ng		0.00
27) Fluoranthene-d10	19.169	212	2131	0.843	ng		0.00
31) Terphenyl-d14	19.786	244	1214	0.823	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	400	0.748	ng	#	83
3) n-Nitrosodimethylamine	3.637	42	330	0.755	ng	#	95
6) bis(2-Chloroethyl)ether	7.190	93	889	0.838	ng		96
9) Naphthalene	10.573	128	2999	0.819	ng	#	92
10) Hexachlorobutadiene	10.840	225	837	0.800	ng	#	99
12) 2-Methylnaphthalene	12.193	142	2203	0.813	ng		99
16) Acenaphthylene	14.094	152	3877	0.834	ng		99
17) Acenaphthene	14.436	154	2383	0.827	ng		98
18) Fluorene	15.430	166	3432	0.826	ng		99
20) 4,6-Dinitro-2-methylph...	15.530	198	398	0.752	ng	#	70
21) 4-Bromophenyl-phenylether	16.337	248	887	0.827	ng		95
22) Hexachlorobenzene	16.424	284	1040	0.827	ng		99
23) Atrazine	16.622	200	877	0.843	ng		90
24) Pentachlorophenol	16.784	266	637	0.779	ng	#	88
25) Phenanthrene	17.168	178	4618	0.841	ng		99
26) Anthracene	17.268	178	4455	0.831	ng		98
28) Fluoranthene	19.201	202	4152	0.843	ng		99
30) Pyrene	19.568	202	4183	0.872	ng		99
32) Benzo(a)anthracene	21.322	228	2288	0.832	ng		93
33) Chrysene	21.375	228	2305	0.839	ng		95
34) Bis(2-ethylhexyl)phtha...	21.268	149	3439	0.863	ng		98
36) Indeno(1,2,3-cd)pyrene	25.961	276	3205	0.857	ng		96
37) Benzo(b)fluoranthene	22.935	252	2463	0.846	ng	#	87
38) Benzo(k)fluoranthene	22.981	252	2363	0.838	ng	#	89
39) Benzo(a)pyrene	23.525	252	2207	0.836	ng	#	83
40) Dibenzo(a,h)anthracene	25.996	278	2467	0.867	ng	#	90
41) Benzo(g,h,i)perylene	26.683	276	2723	0.861	ng		92

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

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