Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120523\
Data File : BN029044.D
Acq On : 05 Dec 2023 20:39
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 06 00:41:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:39:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	819	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	1744	0.400	ng	#	0.00
13) Acenaphthene-d10	14.396	164	1522	0.400	ng		0.00
19) Phenanthrene-d10	17.146	188	4101	0.400	ng		0.00
29) Chrysene-d12	21.347	240	3028	0.400	ng		0.00
35) Perylene-d12	23.670	264	2898	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	1455	0.606	ng		0.00
5) Phenol-d6	6.980	99	1733	0.643	ng		0.00
8) Nitrobenzene-d5	8.939	82	1673	0.932	ng		0.00
11) 2-Methylnaphthalene-d10	12.148	152	2974	1.018	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	1256	1.139	ng		0.00
15) 2-Fluorobiphenyl	13.028	172	6390	0.947	ng		0.00
27) Fluoranthene-d10	19.185	212	10294	0.919	ng		0.00
31) Terphenyl-d14	19.794	244	6204	0.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	523	0.679	ng		96
3) n-Nitrosodimethylamine	3.716	42	304	0.307	ng	#	1
6) bis(2-Chloroethyl)ether	7.226	93	1232	0.552	ng		98
9) Naphthalene	10.605	128	4303	0.781	ng		99
10) Hexachlorobutadiene	10.872	225	1972	1.506	ng	#	99
12) 2-Methylnaphthalene	12.223	142	3551	0.985	ng		97
16) Acenaphthylene	14.118	152	6594	0.813	ng		100
17) Acenaphthene	14.460	154	4234	0.793	ng		99
18) Fluorene	15.455	166	6822	0.971	ng		99
20) 4,6-Dinitro-2-methylph...	15.545	198	991	1.074	ng	#	81
21) 4-Bromophenyl-phenylether	16.352	248	2976	1.013	ng		98
22) Hexachlorobenzene	16.439	284	3366	0.946	ng		99
23) Atrazine	16.638	200	2587	1.009	ng		97
24) Pentachlorophenol	16.799	266	1739	1.033	ng		98
25) Phenanthrene	17.184	178	10932	0.804	ng		100
26) Anthracene	17.283	178	10353	0.823	ng		99
28) Fluoranthene	19.213	202	14794	0.999	ng		100
30) Pyrene	19.580	202	15111	0.814	ng		100
32) Benzo(a)anthracene	21.329	228	12364	0.934	ng		98
33) Chrysene	21.383	228	12112	0.933	ng		99
34) Bis(2-ethylhexyl)phtha...	21.275	149	7005	0.424	ng		99
36) Indeno(1,2,3-cd)pyrene	26.041	276	11848	0.910	ng		99
37) Benzo(b)fluoranthene	22.965	252	12530	1.011	ng		95
38) Benzo(k)fluoranthene	23.012	252	11950	1.025	ng		97
39) Benzo(a)pyrene	23.567	252	10358	0.944	ng		96
40) Dibenzo(a,h)anthracene	26.070	278	9167	0.910	ng		97
41) Benzo(g,h,i)perylene	26.772	276	9915	0.878	ng		99

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

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