Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122723\
Data File : BN029198.D
Acq On : 27 Dec 2023 12:47
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 28 01:18:06 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	653	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	1300	0.400	ng		0.00
13) Acenaphthene-d10	14.372	164	782	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1385	0.400	ng		0.00
29) Chrysene-d12	21.340	240	523	0.400	ng		0.00
35) Perylene-d12	23.627	264	599	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	2418	1.592	ng		0.00
5) Phenol-d6	6.944	99	2842	1.667	ng		0.00
8) Nitrobenzene-d5	8.907	82	2803	1.719	ng		0.00
11) 2-Methylnaphthalene-d10	12.117	152	3958	1.761	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	948	1.572	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	7302	1.741	ng		0.00
27) Fluoranthene-d10	19.173	212	4865	1.724	ng		0.00
31) Terphenyl-d14	19.782	244	2841	1.752	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	937	1.596	ng	#	86
3) n-Nitrosodimethylamine	3.615	42	806	1.680	ng	#	99
6) bis(2-Chloroethyl)ether	7.190	93	1998	1.715	ng		95
9) Naphthalene	10.573	128	6678	1.694	ng	#	89
10) Hexachlorobutadiene	10.840	225	1866	1.658	ng	#	99
12) 2-Methylnaphthalene	12.193	142	5037	1.727	ng		98
16) Acenaphthylene	14.094	152	8804	1.716	ng		99
17) Acenaphthene	14.436	154	5414	1.702	ng		99
18) Fluorene	15.430	166	7822	1.705	ng		99
20) 4,6-Dinitro-2-methylph...	15.530	198	1060	1.653	ng	#	50
21) 4-Bromophenyl-phenylether	16.337	248	2012	1.680	ng	#	92
22) Hexachlorobenzene	16.424	284	2381	1.696	ng		99
23) Atrazine	16.622	200	2044	1.761	ng	#	83
24) Pentachlorophenol	16.784	266	1560	1.710	ng		94
25) Phenanthrene	17.168	178	10521	1.717	ng		99
26) Anthracene	17.268	178	10421	1.742	ng		99
28) Fluoranthene	19.201	202	9627	1.752	ng		99
30) Pyrene	19.568	202	9481	1.799	ng		99
32) Benzo(a)anthracene	21.322	228	5315	1.758	ng	#	91
33) Chrysene	21.375	228	5250	1.739	ng	#	93
34) Bis(2-ethylhexyl)phtha...	21.268	149	7612	1.739	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.961	276	7319	1.757	ng	#	83
37) Benzo(b)fluoranthene	22.935	252	5434	1.677	ng	#	78
38) Benzo(k)fluoranthene	22.981	252	5544	1.766	ng	#	78
39) Benzo(a)pyrene	23.522	252	4996	1.700	ng	#	72
40) Dibenzo(a,h)anthracene	25.987	278	5621	1.774	ng	#	81
41) Benzo(g,h,i)perylene	26.680	276	6223	1.767	ng	#	85

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

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