Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030272.D
Acq On : 05 Mar 2024 15:11
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 05 16:55:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 16:52:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	1486	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	3794	0.400	ng		0.00
13) Acenaphthene-d10	14.458	164	1906	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	4054	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3687	0.400	ng		0.00
35) Perylene-d12	23.800	264	3900	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	6216	1.593	ng		0.00
5) Phenol-d6	6.973	99	6964	1.697	ng		0.00
8) Nitrobenzene-d5	8.971	82	5907	1.706	ng		0.00
11) 2-Methylnaphthalene-d10	12.200	152	9365	1.701	ng		0.00
14) 2,4,6-Tribromophenol	15.952	330	1695	1.729	ng		-0.01
15) 2-Fluorobiphenyl	13.078	172	13476	1.702	ng		-0.01
27) Fluoranthene-d10	19.262	212	18719	1.682	ng		0.00
31) Terphenyl-d14	19.875	244	15468	1.618	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	2843	1.475	ng		95
3) n-Nitrosodimethylamine	3.644	42	3307	1.638	ng	#	96
6) bis(2-Chloroethyl)ether	7.248	93	5544	1.704	ng		97
9) Naphthalene	10.648	128	17368	1.639	ng		96
10) Hexachlorobutadiene	10.925	225	3921	1.621	ng	#	100
12) 2-Methylnaphthalene	12.272	142	11001	1.683	ng		98
16) Acenaphthylene	14.180	152	15596	1.695	ng		99
17) Acenaphthene	14.522	154	9989	1.683	ng		99
18) Fluorene	15.505	166	12272	1.718	ng		99
20) 4,6-Dinitro-2-methylph...	15.605	198	1577	1.874	ng	#	60
21) 4-Bromophenyl-phenylether	16.411	248	4195	1.693	ng		90
22) Hexachlorobenzene	16.511	284	4744	1.656	ng		99
23) Atrazine	16.697	200	3728	1.697	ng	#	90
24) Pentachlorophenol	16.871	266	2657	1.780	ng		97
25) Phenanthrene	17.255	178	19792	1.707	ng		99
26) Anthracene	17.355	178	18272	1.715	ng		99
28) Fluoranthene	19.294	202	24121	1.708	ng		99
30) Pyrene	19.656	202	24872	1.607	ng		100
32) Benzo(a)anthracene	21.420	228	21507	1.664	ng		97
33) Chrysene	21.474	228	23097	1.651	ng		98
34) Bis(2-ethylhexyl)phtha...	21.375	149	15246	1.480	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.218	276	27468	1.681	ng	#	86
37) Benzo(b)fluoranthene	23.081	252	23420	1.719	ng	#	87
38) Benzo(k)fluoranthene	23.131	252	23659	1.708	ng	#	87
39) Benzo(a)pyrene	23.692	252	20559	1.708	ng	#	81
40) Dibenzo(a,h)anthracene	26.247	278	22326	1.738	ng	#	88
41) Benzo(g,h,i)perylene	26.961	276	24672	1.666	ng		96

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

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