Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110724\
Data File : BN034889.D
Acq On : 07 Nov 2024 12:36
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Nov 07 14:41:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 14:34:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	5204	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	15811	0.400	ng		0.00
13) Acenaphthene-d10	14.208	164	7544	0.400	ng		0.00
19) Phenanthrene-d10	16.952	188	15793	0.400	ng	#	0.00
29) Chrysene-d12	21.149	240	11169	0.400	ng		0.00
35) Perylene-d12	23.315	264	10016	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	23855	1.645	ng		0.00
5) Phenol-d6	6.752	99	32264	1.676	ng		0.00
8) Nitrobenzene-d5	8.707	82	20491	1.663	ng		0.00
11) 2-Methylnaphthalene-d10	11.935	152	36510	1.694	ng		0.00
14) 2,4,6-Tribromophenol	15.698	330	3893	1.649	ng		0.00
15) 2-Fluorobiphenyl	12.829	172	52711	1.654	ng		0.00
27) Fluoranthene-d10	18.990	212	61684	1.732	ng		0.00
31) Terphenyl-d14	19.598	244	33522	1.602	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.184	88	10368	1.577	ng		99
3) n-Nitrosodimethylamine	3.480	42	14815	1.670	ng		99
6) bis(2-Chloroethyl)ether	7.012	93	27804	1.674	ng		100
9) Naphthalene	10.383	128	73745	1.681	ng		99
10) Hexachlorobutadiene	10.682	225	11536	1.650	ng	#	98
12) 2-Methylnaphthalene	12.011	142	45738	1.703	ng		99
16) Acenaphthylene	13.919	152	61551	1.691	ng		100
17) Acenaphthene	14.272	154	42622	1.692	ng		96
18) Fluorene	15.256	166	53684	1.712	ng		100
20) 4,6-Dinitro-2-methylph...	15.341	198	2808	1.627	ng	#	24
21) 4-Bromophenyl-phenylether	16.158	248	13834	1.643	ng	#	87
22) Hexachlorobenzene	16.269	284	16414	1.620	ng		98
23) Atrazine	16.431	200	10655	1.747	ng		93
24) Pentachlorophenol	16.604	266	5021	1.613	ng		97
25) Phenanthrene	16.989	178	80617	1.664	ng		100
26) Anthracene	17.088	178	70474	1.687	ng		100
28) Fluoranthene	19.018	202	89552	1.757	ng		100
30) Pyrene	19.380	202	90808	1.606	ng		100
32) Benzo(a)anthracene	21.131	228	74313	1.707	ng		99
33) Chrysene	21.185	228	76360	1.657	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	37441	1.498	ng		98
36) Indeno(1,2,3-cd)pyrene	25.470	276	74827	1.677	ng		99
37) Benzo(b)fluoranthene	22.669	252	72667	1.650	ng	#	90
38) Benzo(k)fluoranthene	22.713	252	77370	1.685	ng	#	89
39) Benzo(a)pyrene	23.219	252	58843	1.684	ng	#	84
40) Dibenzo(a,h)anthracene	25.485	278	57968	1.679	ng		95
41) Benzo(g,h,i)perylene	26.125	276	60450	1.649	ng		96

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

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