Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026872.D
Acq On : 10 Aug 2023 08:07
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Aug 11 01:49:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:48:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	6910	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	17113	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	13755	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	32330	0.400	ng		0.00
29) Chrysene-d12	21.659	240	29621	0.400	ng		0.00
35) Perylene-d12	24.215	264	33893	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	2450	0.140	ng		0.00
5) Phenol-d6	7.236	99	2857	0.126	ng		0.00
8) Nitrobenzene-d5	9.294	82	1655	0.163	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	2932	0.119	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	824	0.176	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	5219	0.093	ng		0.00
27) Fluoranthene-d10	19.500	212	8315	0.107	ng		0.00
31) Terphenyl-d14	20.090	244	7084	0.115	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	942	0.117	ng	#	87
3) n-Nitrosodimethylamine	3.819	42	999	0.111	ng	#	90
6) bis(2-Chloroethyl)ether	7.532	93	2235	0.109	ng		98
9) Naphthalene	10.992	128	4605	0.098	ng	#	92
10) Hexachlorobutadiene	11.226	225	1077	0.126	ng	#	98
12) 2-Methylnaphthalene	12.585	142	3861	0.120	ng		97
16) Acenaphthylene	14.459	152	6378	0.094	ng		98
17) Acenaphthene	14.801	154	4090	0.096	ng		99
18) Fluorene	15.780	166	5402	0.097	ng		99
20) 4,6-Dinitro-2-methylph...	16.921	198	48	0.092	ng	#	1
21) 4-Bromophenyl-phenylether	16.661	248	1823	0.093	ng	#	66
22) Hexachlorobenzene	16.748	284	1976	0.088	ng		98
23) Atrazine	16.934	200	1667	0.129	ng	#	93
24) Pentachlorophenol	17.108	266	955	0.166	ng		98
25) Phenanthrene	17.517	178	9445	0.096	ng		99
26) Anthracene	17.617	178	8376	0.095	ng		99
28) Fluoranthene	19.532	202	11081	0.101	ng		99
30) Pyrene	19.895	202	11787	0.092	ng		100
32) Benzo(a)anthracene	21.641	228	10908	0.107	ng		97
33) Chrysene	21.695	228	10980	0.098	ng		97
34) Bis(2-ethylhexyl)phtha...	21.533	149	9627	0.286	ng		100
36) Indeno(1,2,3-cd)pyrene	26.916	276	14306	0.103	ng		99
37) Benzo(b)fluoranthene	23.420	252	11310	0.085	ng	#	81
38) Benzo(k)fluoranthene	23.475	252	11424	0.083	ng	#	82
39) Benzo(a)pyrene	24.098	252	11511	0.095	ng	#	77
40) Dibenzo(a,h)anthracene	26.946	278	11368	0.106	ng	#	85
41) Benzo(g,h,i)perylene	27.753	276	12341	0.097	ng	#	91

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

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