Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016708.D
Acq On : 04 Oct 2021 13:28
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Oct 04 15:16:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 15:14:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	23014	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	102885	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	55329	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	107855	0.40	ng		0.00
29) Chrysene-d12	21.238	240	98790	0.40	ng		0.00
35) Perylene-d12	23.495	264	97016	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	6048	0.10	ng		0.00
5) Phenol-d6	6.822	99	6387	0.10	ng		0.00
8) Nitrobenzene-d5	8.784	82	6792	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	15261	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.779	330	1835	0.07	ng		0.00
15) 2-Fluorobiphenyl	12.899	172	23033	0.10	ng		0.00
27) Fluoranthene-d10	19.068	212	28391	0.10	ng		0.00
31) Terphenyl-d14	19.683	244	25294	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	1032	0.10	ng	#	36
3) n-Nitrosodimethylamine	3.595	42	1496	0.09	ng	#	86
6) bis(2-Chloroethyl)ether	7.080	93	6365	0.10	ng		99
9) Naphthalene	10.457	128	29483	0.11	ng		99
10) Hexachlorobutadiene	10.749	225	5301	0.10	ng	#	100
12) 2-Methylnaphthalene	12.083	142	18211	0.10	ng		99
16) Acenaphthylene	13.990	152	21725	0.09	ng		100
17) Acenaphthene	14.332	154	15732	0.10	ng		99
18) Fluorene	15.335	166	19003	0.10	ng		100
21) 4-Bromophenyl-phenylether	16.227	248	5850	0.09	ng		95
22) Hexachlorobenzene	16.336	284	7015	0.09	ng		100
23) Atrazine	16.506	200	4653	0.10	ng		97
25) Phenanthrene	17.066	178	30382	0.09	ng		98
26) Anthracene	17.164	178	26381	0.09	ng		100
28) Fluoranthene	19.103	202	34251	0.10	ng		99
30) Pyrene	19.465	202	36223	0.11	ng		100
32) Benzo(a)anthracene	21.217	228	31632	0.10	ng		99
33) Chrysene	21.270	228	33187	0.11	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	22619	0.19	ng		100
36) Indeno(1,2,3-cd)pyrene	25.778	276	28133	0.08	ng		96
37) Benzo(b)fluoranthene	22.817	252	32104	0.10	ng	#	94
38) Benzo(k)fluoranthene	22.862	252	32217	0.10	ng	#	88
39) Benzo(a)pyrene	23.396	252	28717	0.10	ng	#	92
40) Dibenzo(a,h)anthracene	25.798	278	21571	0.08	ng	#	88
41) Benzo(g,h,i)perylene	26.473	276	25417	0.08	ng		96

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

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