Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016598.D
Acq On : 30 Sep 2021 13:42
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
10/1/2021 9:17:14 AM

Quant Time: Sep 30 15:28:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 15:26:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	28425	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	127414	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	66280	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	115385	0.40	ng		0.00
29) Chrysene-d12	21.238	240	98789	0.40	ng		0.00
35) Perylene-d12	23.488	264	98761	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	7466	0.10	ng		0.00
5) Phenol-d6	6.822	99	7877	0.10	ng		0.00
8) Nitrobenzene-d5	8.784	82	8019	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	18725	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	2467	0.08	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	28259	0.10	ng		0.00
27) Fluoranthene-d10	19.068	212	27938	0.09	ng		0.00
31) Terphenyl-d14	19.678	244	24097	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	1572m	0.11	ng		
3) n-Nitrosodimethylamine	3.576	42	1903	0.09	ng	#	86
6) bis(2-Chloroethyl)ether	7.080	93	7925	0.10	ng		100
9) Naphthalene	10.457	128	35908	0.10	ng		99
10) Hexachlorobutadiene	10.749	225	6620	0.10	ng	#	100
12) 2-Methylnaphthalene	12.078	142	22345	0.10	ng		99
16) Acenaphthylene	13.990	152	25635	0.09	ng		100
17) Acenaphthene	14.332	154	18779	0.10	ng		99
18) Fluorene	15.322	166	21863	0.09	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	799	0.06	ng	#	70
21) 4-Bromophenyl-phenylether	16.226	248	6763	0.09	ng		97
22) Hexachlorobenzene	16.336	284	8148	0.10	ng		99
23) Atrazine	16.506	200	4507	0.09	ng		98
24) Pentachlorophenol	16.677	266	2595	0.09	ng		100
25) Phenanthrene	17.066	178	34149	0.10	ng		99
26) Anthracene	17.163	178	27070	0.09	ng		100
28) Fluoranthene	19.098	202	34370	0.09	ng		99
30) Pyrene	19.460	202	34871	0.11	ng		100
32) Benzo(a)anthracene	21.217	228	30992	0.10	ng		100
33) Chrysene	21.270	228	32759	0.10	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	15319	0.14	ng		99
36) Indeno(1,2,3-cd)pyrene	25.767	276	35673	0.10	ng		97
37) Benzo(b)fluoranthene	22.810	252	31892	0.10	ng		96
38) Benzo(k)fluoranthene	22.855	252	32153	0.10	ng	#	90
39) Benzo(a)pyrene	23.389	252	27705	0.10	ng	#	94
40) Dibenzo(a,h)anthracene	25.788	278	28276	0.10	ng	#	93
41) Benzo(g,h,i)perylene	26.459	276	31941	0.10	ng		98

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

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