Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018119.D
Acq On : 20 Dec 2021 12:53
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 20 14:17:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	23409	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	96030	0.400	ng		0.00
13) Acenaphthene-d10	14.294	164	55468	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	103505	0.400	ng		0.00
29) Chrysene-d12	21.228	240	81871	0.400	ng		0.00
35) Perylene-d12	23.474	264	57670	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	22069	0.435	ng		0.00
5) Phenol-d6	6.850	99	22733	0.447	ng		0.00
8) Nitrobenzene-d5	8.810	82	24115	0.354	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	62050	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	7957	0.415	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	78264	0.405	ng		0.00
27) Fluoranthene-d10	19.068	212	124444	0.360	ng		0.00
31) Terphenyl-d14	19.674	244	78291	0.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	6522	0.447	ng	#	59
3) n-Nitrosodimethylamine	3.549	42	9014	0.413	ng	#	99
6) bis(2-Chloroethyl)ether	7.099	93	24378	0.406	ng		99
9) Naphthalene	10.496	128	90782	0.377	ng		100
10) Hexachlorobutadiene	10.787	225	24824	0.374	ng	#	100
12) 2-Methylnaphthalene	12.114	142	59562	0.396	ng		99
16) Acenaphthylene	14.015	152	76872	0.335	ng		100
17) Acenaphthene	14.358	154	55461	0.380	ng		99
18) Fluorene	15.347	166	65627	0.366	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	788	0.275	ng	#	70
21) 4-Bromophenyl-phenylether	16.239	248	23976	0.383	ng	#	80
22) Hexachlorobenzene	16.348	284	30409	0.406	ng		99
23) Atrazine	16.507	200	15357	0.365	ng		99
24) Pentachlorophenol	16.701	266	5841	0.526	ng		99
25) Phenanthrene	17.079	178	102234	0.388	ng		100
26) Anthracene	17.164	178	82621	0.347	ng		100
28) Fluoranthene	19.098	202	122798	0.374	ng		100
30) Pyrene	19.460	202	121687	0.453	ng		100
32) Benzo(a)anthracene	21.206	228	86377	0.351	ng		99
33) Chrysene	21.259	228	98737	0.376	ng		100
34) Bis(2-ethylhexyl)phtha...	21.153	149	52433	0.434	ng		100
36) Indeno(1,2,3-cd)pyrene	25.771	276	40415	0.209	ng		99
37) Benzo(b)fluoranthene	22.797	252	74565	0.435	ng		99
38) Benzo(k)fluoranthene	22.841	252	66725	0.399	ng		99
39) Benzo(a)pyrene	23.378	252	62764	0.360	ng	#	96
40) Dibenzo(a,h)anthracene	25.788	278	27530	0.183	ng		96
41) Benzo(g,h,i)perylene	26.466	276	42163	0.233	ng		98

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

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