Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN017982.D
Acq On : 13 Dec 2021 23:00
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 14 00:20:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 00:18:01 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	29763	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	113493	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	67743	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	138814	0.400	ng	#	0.00
29) Chrysene-d12	21.259	240	144895	0.400	ng	#	-0.01
35) Perylene-d12	23.546	264	151566	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	214374	3.494	ng		0.00
5) Phenol-d6	6.868	99	228861	3.756	ng		0.00
8) Nitrobenzene-d5	8.835	82	293467	3.960	ng		0.00
11) 2-Methylnaphthalene-d10	12.060	152	628151	3.147	ng		0.00
14) 2,4,6-Tribromophenol	15.817	330	129897	5.949	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	813063	3.411	ng		0.00
27) Fluoranthene-d10	19.103	212	1531722	3.404	ng		0.00
31) Terphenyl-d14	19.708	244	1015032	2.841	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.235	88	58991m	6.531	ng		
3) n-Nitrosodimethylamine	3.558	42	92626	3.391	ng		99
6) bis(2-Chloroethyl)ether	7.117	93	245526	3.287	ng		99
9) Naphthalene	10.521	128	892246	3.161	ng		100
10) Hexachlorobutadiene	10.812	225	245606	3.054	ng	#	100
12) 2-Methylnaphthalene	12.136	142	583751	3.110	ng		99
16) Acenaphthylene	14.040	152	938264	3.710	ng		100
17) Acenaphthene	14.383	154	590532	3.360	ng		95
18) Fluorene	15.372	166	731677	3.420	ng		99
20) 4,6-Dinitro-2-methylph...	15.461	198	77738	118.972	ng	#	71
21) 4-Bromophenyl-phenylether	16.263	248	300904	3.783	ng	#	84
22) Hexachlorobenzene	16.385	284	319027	3.077	ng		100
23) Atrazine	16.543	200	232609	4.731	ng	#	93
24) Pentachlorophenol	16.725	266	113430	24.132	ng		99
25) Phenanthrene	17.103	178	1178206	3.322	ng		100
26) Anthracene	17.200	178	1128835	3.817	ng		100
28) Fluoranthene	19.132	202	1412581	3.234	ng		99
30) Pyrene	19.495	202	1512034	2.661	ng		100
32) Benzo(a)anthracene	21.249	228	1527126	3.881	ng		100
33) Chrysene	21.302	228	1516446	3.186	ng		98
34) Bis(2-ethylhexyl)phtha...	21.195	149	822678	5.289	ng		100
36) Indeno(1,2,3-cd)pyrene	25.877	276	1764088	7.699	ng		100
37) Benzo(b)fluoranthene	22.855	252	1545454	3.087	ng		100
38) Benzo(k)fluoranthene	22.899	252	1519667	3.114	ng		99
39) Benzo(a)pyrene	23.440	252	1504731	3.380	ng		99
40) Dibenzo(a,h)anthracene	25.898	278	1407066	9.360	ng		99
41) Benzo(g,h,i)perylene	26.592	276	1574397	6.537	ng		100

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

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