Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011564.D
Acq On : 21 Aug 2020 20:37
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN082120

Manual Integrations APPROVED
Sohil
8/24/2020 1:50:54 PM

Quant Time: Aug 22 05:54:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1422	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5138	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	3461	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	7975	0.40	ng		0.00
29) Chrysene-d12	21.01	240	7639	0.40	ng		0.00
36) Perylene-d12	23.11	264	7093	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1130	0.37	ng		0.00
5) Phenol-d6	6.63	99	1016	0.33	ng		0.00
8) Nitrobenzene-d5	8.55	82	1155	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	3392	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	561	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	5218	0.37	ng		0.00
27) Fluoranthene-d10	18.83	212	9020	0.34	ng		0.00
31) Terphenyl-d14	19.46	244	6867	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	774	0.398	ng	#	100
3) n-Nitrosodimethylamine	3.47	42	279	0.348	ng	#	83
6) bis(2-Chloroethyl)ether	6.87	93	1028	0.343	ng		96
9) Naphthalene	10.19	128	5539	0.372	ng		98
10) Hexachlorobutadiene	10.48	225	1561	0.375	ng	#	100
12) 2-Methylnaphthalene	11.82	142	3819	0.373	ng		98
16) Acenaphthylene	13.75	152	6231	0.354	ng		100
17) Acenaphthene	14.09	154	4288	0.371	ng		99
18) Fluorene	15.09	166	5782	0.378	ng		100
20) 4,6-Dinitro-2-methylphenol	15.24	198	246	0.330	ng		90
21) 4-Bromophenyl-phenylether	16.02	248	640	0.367	ng		99
22) Hexachlorobenzene	16.10	284	2242	0.365	ng		99
23) Atrazine	16.30	200	1049	0.253	ng		96
24) Pentachlorophenol	16.47	266	530	0.277	ng		94
25) Phenanthrene	16.83	178	8928	0.356	ng		100
26) Anthracene	16.93	178	7145	0.341	ng		99
28) Fluoranthene	18.86	202	10839	0.336	ng		99
30) Pyrene	19.23	202	10548	0.347	ng		100
32) Benzo(a)anthracene	20.99	228	8793	0.350	ng		97
33) Chrysene	21.05	228	10772	0.377	ng		100
34) Bis(2-ethylhexyl)phthalate	20.96	149	4347	0.382	ng		100
35) Indeno(1,2,3-cd)pyrene	25.14	276	9256	0.357	ng		100
37) Benzo(b)fluoranthene	22.49	252	9467m	0.361	ng		
38) Benzo(k)fluoranthene	22.54	252	11885	0.380	ng		93
39) Benzo(a)pyrene	23.02	252	8575	0.353	ng	#	87
40) Dibenzo(a,h)anthracene	25.16	278	7066	0.348	ng		90
41) Benzo(g,h,i)perylene	25.75	276	8106	0.335	ng		96

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

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