Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
Data File : BN011602.D
Acq On : 24 Aug 2020 18:10
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Aug 24 18:44:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 18:42:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2084	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	9050	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	6132	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	13945	0.40	ng		0.00
29) Chrysene-d12	21.33	240	15478	0.40	ng		0.00
36) Perylene-d12	23.59	264	15241	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2707	0.61	ng		0.00
5) Phenol-d6	6.92	99	3971	0.88	ng		0.00
8) Nitrobenzene-d5	8.91	82	3043	0.51	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	6292	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1326	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	9118	0.36	ng		0.00
27) Fluoranthene-d10	19.17	212	16480	0.35	ng		0.00
31) Terphenyl-d14	19.78	244	15229	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1256	0.441	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	1464	1.247	ng	#	94
6) bis(2-Chloroethyl)ether	7.18	93	2715	0.618	ng		100
9) Naphthalene	10.59	128	9628	0.367	ng		100
10) Hexachlorobutadiene	10.90	225	2017	0.275	ng	#	99
12) 2-Methylnaphthalene	12.21	142	7114	0.394	ng		100
16) Acenaphthylene	14.12	152	11818	0.379	ng		100
17) Acenaphthene	14.46	154	7697	0.376	ng		100
18) Fluorene	15.45	166	9806	0.362	ng		100
20) 4,6-Dinitro-2-methylphenol	15.52	198	535	0.318	ng		100
21) 4-Bromophenyl-phenylether	16.34	248	3000	0.985	ng		100
22) Hexachlorobenzene	16.44	284	3602	0.335	ng		100
23) Atrazine	16.60	200	2276	0.314	ng		100
24) Pentachlorophenol	16.79	266	1582	0.472	ng		97
25) Phenanthrene	17.18	178	16292	0.371	ng		100
26) Anthracene	17.27	178	16131	0.441	ng		100
28) Fluoranthene	19.21	202	19830	0.351	ng		100
30) Pyrene	19.57	202	20579	0.334	ng		100
32) Benzo(a)anthracene	21.31	228	21273	0.418	ng		100
33) Chrysene	21.36	228	19413	0.336	ng		100
34) Bis(2-ethylhexyl)phthalate	21.27	149	14262	0.564	ng		100
35) Indeno(1,2,3-cd)pyrene	25.87	276	24521	0.467	ng	#	100
37) Benzo(b)fluoranthene	22.91	252	20633	0.366	ng		100
38) Benzo(k)fluoranthene	22.96	252	20807	0.310	ng		100
39) Benzo(a)pyrene	23.49	252	19515	0.374	ng		100
40) Dibenzo(a,h)anthracene	25.89	278	20343	0.467	ng		100
41) Benzo(g,h,i)perylene	26.56	276	19903	0.383	ng		100

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

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