Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN063020\
Data File : BN011080.D
Acq On : 30 Jun 2020 14:29
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN063020

Quant Time: Jun 30 15:24:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 14:12:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1889	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	6770	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	3275	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	6595	0.40	ng		-0.01
29) Chrysene-d12	21.11	240	6126	0.40	ng		0.00
36) Perylene-d12	23.25	264	5790	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	2044	0.43	ng		-0.02
5) Phenol-d6	6.72	99	2288	0.42	ng		0.00
8) Nitrobenzene-d5	8.66	82	2216	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	4229	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	536	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.76	172	6368	0.41	ng		0.00
27) Fluoranthene-d10	18.94	212	8015	0.40	ng		0.00
31) Terphenyl-d14	19.55	244	6780	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1168	0.438	ng		97
3) n-Nitrosodimethylamine	3.56	42	576	0.428	ng	#	99
6) bis(2-Chloroethyl)ether	6.96	93	2015	0.411	ng		98
9) Naphthalene	10.30	128	8152	0.403	ng		100
10) Hexachlorobutadiene	10.60	225	1962	0.383	ng	#	100
12) 2-Methylnaphthalene	11.93	142	4996	0.370	ng		99
16) Acenaphthylene	13.85	152	6554	0.399	ng		100
17) Acenaphthene	14.20	154	4472	0.402	ng		100
18) Fluorene	15.20	166	5654	0.407	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	242	0.381	ng		91
21) 4-Bromophenyl-phenylether	16.10	248	1711	0.390	ng		92
22) Hexachlorobenzene	16.20	284	2125	0.411	ng		98
23) Atrazine	16.39	200	1237	0.399	ng		98
24) Pentachlorophenol	16.56	266	581	0.418	ng		93
25) Phenanthrene	16.93	178	8650	0.405	ng		100
26) Anthracene	17.02	178	7060	0.399	ng		99
28) Fluoranthene	18.97	202	9705	0.404	ng		100
30) Pyrene	19.33	202	9619	0.421	ng		100
32) Benzo(a)anthracene	21.09	228	8123	0.397	ng		100
33) Chrysene	21.15	228	9793	0.417	ng		99
34) Bis(2-ethylhexyl)phthalate	21.05	149	3273	0.395	ng		99
35) Indeno(1,2,3-cd)pyrene	25.35	276	11490	0.468	ng		99
37) Benzo(b)fluoranthene	22.62	252	9871	0.425	ng		99
38) Benzo(k)fluoranthene	22.67	252	10337	0.416	ng		99
39) Benzo(a)pyrene	23.17	252	8335	0.417	ng		99
40) Dibenzo(a,h)anthracene	25.37	278	9126	0.445	ng		97
41) Benzo(g,h,i)perylene	25.98	276	9824	0.435	ng		99

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

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