Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112636.D
Acq On : 20 Feb 2019 12:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/21/2019 10:03:32 AM

Quant Time: Feb 20 17:03:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 20 16:59:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107784	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	423241	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	218541	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	426157	20.00	ng		0.00
76) Chrysene-d12	14.00	240	306263	20.00	ng		0.00
87) Perylene-d12	15.47	264	226483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	490909	96.74	ng		0.00
7) Phenol-d6	6.48	99	602970	85.51	ng		0.00
23) Nitrobenzene-d5	7.39	82	595915	81.13	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	214106	84.17	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1237365	80.08	ng		0.00
79) Terphenyl-d14	12.93	244	1407014	86.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	96005	47.493	ng		93
3) Pyridine	3.31	79	215173	41.846	ng		98
4) n-Nitrosodimethylamine	3.27	42	104468	48.357	ng	#	81
6) Aniline	6.49	93	354824	42.302	ng	#	70
8) 2-Chlorophenol	6.62	128	282724	41.416	ng		97
9) Benzaldehyde	6.38	77	143613	38.967	ng		97
10) Phenol	6.49	94	324200	41.908	ng		84
11) bis(2-Chloroethyl)ether	6.56	93	252855	41.517	ng		99
12) 1,3-Dichlorobenzene	6.76	146	320295	40.289	ng		98
13) 1,4-Dichlorobenzene	6.84	146	329540	40.277	ng		97
14) 1,2-Dichlorobenzene	6.99	146	311091	40.610	ng		94
15) Benzyl Alcohol	6.97	79	241551	40.638	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	301071	38.501	ng	#	18
17) 2-Methylphenol	7.09	107	211857	39.150	ng	#	86
18) Hexachloroethane	7.33	117	119338	41.536	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	206494	42.470	ng		97
20) 3+4-Methylphenols	7.25	107	292654	42.291	ng	#	65
22) Acetophenone	7.24	105	423499	41.093	ng	#	95
24) Nitrobenzene	7.41	77	294369	40.127	ng		99
25) Isophorone	7.65	82	477056	41.399	ng		98
26) 2-Nitrophenol	7.73	139	162001	41.322	ng	#	91
27) 2,4-Dimethylphenol	7.77	122	213482	39.523	ng		88
28) bis(2-Chloroethoxy)methane	7.85	93	320507	40.848	ng		98
29) 2,4-Dichlorophenol	7.98	162	247106	40.881	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	276342	39.773	ng		99
31) Naphthalene	8.13	128	787104	39.768	ng		99
32) Benzoic acid	7.93	122	126151	40.944	ng		93
33) 4-Chloroaniline	8.18	127	349779	40.586	ng		96
34) Hexachlorobutadiene	8.24	225	165231	40.525	ng		100
35) Caprolactam	8.57	113	86661m	40.641	ng		
36) 4-Chloro-3-methylphenol	8.68	107	269929	42.184	ng		95
37) 2-Methylnaphthalene	8.82	142	549882	40.583	ng		97
38) 1-Methylnaphthalene	8.92	142	531035	40.890	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	276876	38.586	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	89642	38.551 ng		95
43) 2,4,6-Trichlorophenol	9.11	196	174095	39.361 ng		99
44) 2,4,5-Trichlorophenol	9.16	196	174083	37.659 ng		96
46) 1,1'-Biphenyl	9.28	154	765705	40.077 ng		99
47) 2-Chloronaphthalene	9.31	162	582267	39.300 ng		95
48) 2-Nitroaniline	9.42	65	169187	41.897 ng		90
49) Acenaphthylene	9.73	152	857862	39.504 ng		98
50) Dimethylphthalate	9.58	163	675439	39.780 ng		99
51) 2,6-Dinitrotoluene	9.66	165	152795	40.180 ng	#	85
52) Acenaphthene	9.90	154	526125	40.558 ng		99
53) 3-Nitroaniline	9.83	138	166811	40.490 ng		97
54) 2,4-Dinitrophenol	9.96	184	51161	41.921 ng		90
55) Dibenzofuran	10.07	168	791264	39.915 ng		94
56) 4-Nitrophenol	10.02	139	81103	37.236 ng		87
57) 2,4-Dinitrotoluene	10.07	165	199702	41.251 ng	#	61
58) Fluorene	10.41	166	613658	41.367 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	143681	41.130 ng		94
60) Diethylphthalate	10.28	149	714334	42.393 ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	329876	40.879 ng		92
62) 4-Nitroaniline	10.45	138	153833	38.068 ng		91
63) Azobenzene	10.56	77	625116	42.182 ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	89487	37.453 ng		98
66) n-Nitrosodiphenylamine	10.52	169	587070	40.875 ng		99
67) 4-Bromophenyl-phenylether	10.89	248	202948	40.491 ng		95
68) Hexachlorobenzene	10.97	284	213644	39.729 ng		92
69) Atrazine	11.05	200	152757	32.962 ng		94
70) Pentachlorophenol	11.17	266	87827	41.974 ng		97
71) Phenanthrene	11.37	178	879494	39.697 ng		98
72) Anthracene	11.43	178	884392	40.073 ng		99
73) Carbazole	11.59	167	872411	40.074 ng		98
74) Di-n-butylphthalate	11.90	149	1101048	40.747 ng		98
75) Fluoranthene	12.57	202	883828	37.194 ng		98
77) Benzidine	12.68	184	318557	37.791 ng		95
78) Pyrene	12.80	202	904808	42.672 ng		98
80) Butylbenzylphthalate	13.39	149	437384	42.635 ng		91
81) Benzo(a)anthracene	13.99	228	718336	39.899 ng		97
82) 3,3'-Dichlorobenzidine	13.94	252	268091	39.789 ng		98
83) Chrysene	14.03	228	683922	39.796 ng		97
84) Bis(2-ethylhexyl)phthalate	13.95	149	580158	39.840 ng		98
85) Di-n-octyl phthalate	14.56	149	848469	37.870 ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	477602	35.073 ng		96
88) Benzo(b)fluoranthene	15.04	252	581170	42.907 ng		98
89) Benzo(k)fluoranthene	15.07	252	503896	38.839 ng		99
90) Benzo(a)pyrene	15.41	252	485640	39.848 ng		98
91) Dibenzo(a,h)anthracene	16.96	278	405723	41.306 ng		96
92) Benzo(g,h,i)perylene	17.41	276	384742	41.518 ng		96

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

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