Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112126.D
Acq On : 18 Jan 2019 15:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/21/2019 12:00:47 PM

Quant Time: Jan 18 23:27:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:06:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	357512	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1322586	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	661339	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1256052	20.00	ng		0.00
76) Chrysene-d12	14.03	240	938682	20.00	ng		0.00
87) Perylene-d12	15.50	264	776379	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1493234	75.81	ng		0.00
7) Phenol-d6	6.50	99	1853440	75.21	ng		0.00
23) Nitrobenzene-d5	7.43	82	1743818	91.09	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	609061	85.37	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3262414	72.32	ng		0.00
79) Terphenyl-d14	12.97	244	3470029	78.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	326629	35.357	ng		99
3) Pyridine	3.39	79	882320	38.134	ng		99
4) n-Nitrosodimethylamine	3.34	42	349609	37.215	ng		99
6) Aniline	6.52	93	1132330	37.777	ng	#	65
8) 2-Chlorophenol	6.65	128	902527	39.452	ng		98
9) Benzaldehyde	6.40	77	516102	38.404	ng		99
10) Phenol	6.52	94	1006114	37.355	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	840908	39.267	ng		99
12) 1,3-Dichlorobenzene	6.80	146	1033761	39.597	ng		98
13) 1,4-Dichlorobenzene	6.87	146	1039323	38.919	ng		99
14) 1,2-Dichlorobenzene	7.03	146	953331	38.756	ng		98
15) Benzyl Alcohol	7.00	79	735679	40.068	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1140367	36.926	ng		92
17) 2-Methylphenol	7.12	107	686592	39.965	ng		96
18) Hexachloroethane	7.37	117	367314	41.211	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	592469	39.463	ng		99
20) 3+4-Methylphenols	7.27	107	819036	39.319	ng	#	85
22) Acetophenone	7.27	105	1176547	38.398	ng		98
24) Nitrobenzene	7.45	77	900761	44.398	ng		94
25) Isophorone	7.68	82	1490111	40.300	ng		98
26) 2-Nitrophenol	7.76	139	504758	48.387	ng		98
27) 2,4-Dimethylphenol	7.80	122	680544	39.651	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	1019774	40.206	ng		99
29) 2,4-Dichlorophenol	8.00	162	783605	41.793	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	886732	40.753	ng		99
31) Naphthalene	8.16	128	2359645	39.226	ng		100
32) Benzoic acid	7.94	122	411548m	50.716	ng		
33) 4-Chloroaniline	8.21	127	1077213	39.845	ng		98
34) Hexachlorobutadiene	8.28	225	503194	41.556	ng		99
35) Caprolactam	8.60	113	270902m	41.282	ng		
36) 4-Chloro-3-methylphenol	8.70	107	750309	40.972	ng		97
37) 2-Methylnaphthalene	8.86	142	1618923	39.632	ng		98
38) 1-Methylnaphthalene	8.96	142	1554132	39.588	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	859898	40.492	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	286373	38.294	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	560674	44.133	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	580403	42.896	ng		97
46) 1,1'-Biphenyl	9.32	154	2158967	39.042	ng		97
47) 2-Chloronaphthalene	9.35	162	1699530	39.262	ng		97
48) 2-Nitroaniline	9.44	65	462591	47.445	ng		93
49) Acenaphthylene	9.76	152	2443449	38.682	ng		99
50) Dimethylphthalate	9.62	163	1947811	40.386	ng		100
51) 2,6-Dinitrotoluene	9.68	165	452220	46.951	ng	#	88
52) Acenaphthene	9.93	154	1489229	38.533	ng		99
53) 3-Nitroaniline	9.85	138	498153	46.250	ng		93
54) 2,4-Dinitrophenol	9.96	184	141755	56.030	ng		91
55) Dibenzofuran	10.10	168	2262536	38.711	ng		96
56) 4-Nitrophenol	10.03	139	310849	43.180	ng		97
57) 2,4-Dinitrotoluene	10.09	165	579801	46.999	ng		91
58) Fluorene	10.45	166	1674554	38.347	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	442852	43.373	ng		97
60) Diethylphthalate	10.32	149	1903781	40.438	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	922020	39.128	ng		94
62) 4-Nitroaniline	10.47	138	483278	45.186	ng		94
63) Azobenzene	10.60	77	1740987	38.616	ng		95
65) 4,6-Dinitro-2-methylphenol	10.50	198	267616	50.437	ng		96
66) n-Nitrosodiphenylamine	10.56	169	1623137	39.089	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	594778	40.767	ng		93
68) Hexachlorobenzene	11.00	284	627435	39.923	ng		94
69) Atrazine	11.08	200	549041	40.975	ng		97
70) Pentachlorophenol	11.20	266	316965	44.851	ng		99
71) Phenanthrene	11.41	178	2422690	38.327	ng		99
72) Anthracene	11.46	178	2433400	38.002	ng		98
73) Carbazole	11.62	167	2382686	37.145	ng		97
74) Di-n-butylphthalate	11.94	149	2833821	39.274	ng		99
75) Fluoranthene	12.60	202	2486459	37.255	ng		98
77) Benzidine	12.71	184	1137932	36.333	ng		99
78) Pyrene	12.83	202	2521201	40.710	ng		98
80) Butylbenzylphthalate	13.44	149	1231169	45.315	ng		99
81) Benzo(a)anthracene	14.02	228	2122378	39.434	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	834829	41.418	ng		99
83) Chrysene	14.06	228	1990689	39.089	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1713705	44.011	ng		99
85) Di-n-octyl phthalate	14.61	149	2625748	43.767	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1654225	35.208	ng		98
88) Benzo(b)fluoranthene	15.07	252	1785667	40.519	ng		100
89) Benzo(k)fluoranthene	15.10	252	1811655	42.473	ng		100
90) Benzo(a)pyrene	15.44	252	1648279	40.783	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1397029	38.919	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1345356	38.043	ng		99

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

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