Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040219\
Data File : BF113501.D
Acq On : 2 Apr 2019 13:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
4/3/2019 4:27:22 AM

Quant Time: Apr 02 15:34:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	164755	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	660767	20.00	ng		-0.01
39) Acenaphthene-d10	9.73	164	335835	20.00	ng		-0.01
64) Phenanthrene-d10	11.20	188	686257	20.00	ng		-0.01
76) Chrysene-d12	13.84	240	541466	20.00	ng		0.00
87) Perylene-d12	15.24	264	451132	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	800136	79.41	ng		-0.01
7) Phenol-d6	6.35	99	1005821	78.91	ng		-0.01
23) Nitrobenzene-d5	7.26	82	944051	84.80	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	345532	83.29	ng		-0.01
45) 2-Fluorobiphenyl	9.05	172	1713337	78.64	ng		-0.01
79) Terphenyl-d14	12.79	244	1965914	80.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	185096	36.206	ng		99
3) Pyridine	3.05	79	510386	40.497	ng		99
4) n-Nitrosodimethylamine	3.00	42	216155	38.581	ng		89
6) Aniline	6.36	93	632858	40.770	ng		98
8) 2-Chlorophenol	6.49	128	473863	40.498	ng		95
9) Benzaldehyde	6.24	77	311480	36.415	ng		99
10) Phenol	6.36	94	574205	39.458	ng		95
11) bis(2-Chloroethyl)ether	6.43	93	452357	40.553	ng		99
12) 1,3-Dichlorobenzene	6.63	146	501783	39.784	ng		99
13) 1,4-Dichlorobenzene	6.71	146	504249	41.407	ng		100
14) 1,2-Dichlorobenzene	6.87	146	464798	38.795	ng		97
15) Benzyl Alcohol	6.85	79	356377	42.379	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	703225	41.965	ng		93
17) 2-Methylphenol	6.96	107	370887	40.446	ng		99
18) Hexachloroethane	7.20	117	184781	42.245	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	315892	39.454	ng		98
20) 3+4-Methylphenols	7.12	107	452572	42.563	ng		94
22) Acetophenone	7.11	105	607306	40.301	ng	#	99
24) Nitrobenzene	7.28	77	489791	42.161	ng		96
25) Isophorone	7.52	82	920779	42.679	ng		98
26) 2-Nitrophenol	7.60	139	265215	43.191	ng		94
27) 2,4-Dimethylphenol	7.65	122	375863	42.552	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	580230	42.707	ng		100
29) 2,4-Dichlorophenol	7.85	162	403655	42.170	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	431912	41.822	ng		98
31) Naphthalene	8.00	128	1331160	41.225	ng		99
32) Benzoic acid	7.80	122	288344	40.554	ng		99
33) 4-Chloroaniline	8.05	127	559195	44.411	ng		100
34) Hexachlorobutadiene	8.12	225	263472	42.924	ng		99
35) Caprolactam	8.43	113	140213m	45.641	ng		
36) 4-Chloro-3-methylphenol	8.55	107	419784	43.601	ng		99
37) 2-Methylnaphthalene	8.69	142	885299	43.940	ng		99
38) 1-Methylnaphthalene	8.79	142	857710	44.259	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	429775	39.867	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	184182	40.364	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	280287	39.927	ng		100
44) 2,4,5-Trichlorophenol	9.02	196	302529	38.940	ng		98
46) 1,1'-Biphenyl	9.15	154	1110237	39.582	ng		99
47) 2-Chloronaphthalene	9.17	162	845480	39.150	ng		99
48) 2-Nitroaniline	9.27	65	275724	40.684	ng		99
49) Acenaphthylene	9.59	152	1391772	39.857	ng		99
50) Dimethylphthalate	9.46	163	1033596	41.530	ng		100
51) 2,6-Dinitrotoluene	9.52	165	230246	41.008	ng		90
52) Acenaphthene	9.76	154	800284	40.696	ng		100
53) 3-Nitroaniline	9.69	138	270976	42.796	ng		92
54) 2,4-Dinitrophenol	9.80	184	133595	47.840	ng		89
55) Dibenzofuran	9.93	168	1158804	39.198	ng		98
56) 4-Nitrophenol	9.87	139	202720	44.908	ng		89
57) 2,4-Dinitrotoluene	9.93	165	283131	39.653	ng	#	91
58) Fluorene	10.27	166	922372	40.163	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	266796	40.609	ng		98
60) Diethylphthalate	10.15	149	998929	40.914	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	458609	40.973	ng		97
62) 4-Nitroaniline	10.30	138	279089	42.811	ng		97
63) Azobenzene	10.43	77	945487	41.139	ng		99
65) 4,6-Dinitro-2-methylphenol	10.34	198	151717	40.413	ng		90
66) n-Nitrosodiphenylamine	10.39	169	843024	40.033	ng		100
67) 4-Bromophenyl-phenylether	10.75	248	310720	41.542	ng		97
68) Hexachlorobenzene	10.83	284	359192	41.372	ng		98
69) Atrazine	10.92	200	265483	39.942	ng		96
70) Pentachlorophenol	11.02	266	176480	39.016	ng		99
71) Phenanthrene	11.23	178	1385838	40.665	ng		100
72) Anthracene	11.28	178	1413808	40.843	ng		99
73) Carbazole	11.44	167	1355031	41.023	ng		100
74) Di-n-butylphthalate	11.77	149	1611959	42.083	ng		100
75) Fluoranthene	12.42	202	1528473	39.673	ng		99
77) Benzidine	12.53	184	980490	47.286	ng		99
78) Pyrene	12.64	202	1547629	41.246	ng		99
80) Butylbenzylphthalate	13.26	149	682164	41.253	ng		99
81) Benzo(a)anthracene	13.83	228	1256362	40.535	ng		100
82) 3,3'-Dichlorobenzidine	13.79	252	532893	42.858	ng		99
83) Chrysene	13.87	228	1270131	40.345	ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	830720	40.979	ng		99
85) Di-n-octyl phthalate	14.43	149	1377423	40.030	ng		99
86) Indeno(1,2,3-cd)pyrene	16.60	276	921571	34.109	ng		98
88) Benzo(b)fluoranthene	14.84	252	1151528	41.091	ng		99
89) Benzo(k)fluoranthene	14.87	252	1047325	42.556	ng		99
90) Benzo(a)pyrene	15.19	252	997650	40.156	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	764587	35.592	ng		99
92) Benzo(g,h,i)perylene	17.00	276	741350	34.227	ng		98

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

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