Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
Data File : BF114927.D
Acq On : 10 Jun 2019 11:23
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jun 10 12:37:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 12:30:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	363252	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1471613	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	716449	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1385542	20.00	ng	0.00
76) Chrysene-d12	13.79	240	797403	20.00	ng	0.00
87) Perylene-d12	15.17	264	948064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1707752	82.15	ng	0.00
7) Phenol-d6	6.31	99	2091334	82.68	ng	0.00
23) Nitrobenzene-d5	7.23	82	1950162	81.58	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	636479	82.44	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3308589	86.51	ng	0.00
79) Terphenyl-d14	12.75	244	3234964	78.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	408469	41.154	ng	100
3) Pyridine	2.98	79	1166626	42.768	ng	100
4) n-Nitrosodimethylamine	2.92	42	416846	41.754	ng	100
6) Aniline	6.33	93	1409006	39.255	ng	100
8) 2-Chlorophenol	6.45	128	997726	41.538	ng	100
9) Benzaldehyde	6.20	77	614469	35.020	ng	100
10) Phenol	6.32	94	1144709	39.572	ng	100
11) bis(2-Chloroethyl)ether	6.40	93	940353	41.653	ng	100
12) 1,3-Dichlorobenzene	6.60	146	1149273	41.062	ng	100
13) 1,4-Dichlorobenzene	6.68	146	1158443	41.134	ng	100
14) 1,2-Dichlorobenzene	6.83	146	1049826	41.276	ng	100
15) Benzyl Alcohol	6.81	79	764541	39.967	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1310612	40.591	ng	100
17) 2-Methylphenol	6.93	107	830101	40.431	ng	100
18) Hexachloroethane	7.17	117	430992	40.659	ng	100
19) n-Nitroso-di-n-propylamine	7.09	70	648861	38.750	ng	100
20) 3+4-Methylphenols	7.09	107	920176	40.634	ng	100
22) Acetophenone	7.08	105	1327041	40.958	ng	100
24) Nitrobenzene	7.25	77	1031953	41.668	ng	100
25) Isophorone	7.49	82	1900911	40.222	ng	100
26) 2-Nitrophenol	7.56	139	576840	43.005	ng	100
27) 2,4-Dimethylphenol	7.61	122	820470	40.244	ng	100
28) bis(2-Chloroethoxy)methane	7.70	93	1225315	40.559	ng	100
29) 2,4-Dichlorophenol	7.81	162	872884	40.695	ng	100
30) 1,2,4-Trichlorobenzene	7.89	180	1005382	40.851	ng	100
31) Naphthalene	7.97	128	2743761	41.414	ng	100
32) Benzoic acid	7.75	122	607300	40.899	ng	100
33) 4-Chloroaniline	8.02	127	1306405	41.334	ng	100
34) Hexachlorobutadiene	8.09	225	568556	40.634	ng	100
35) Caprolactam	8.40	113	288578	41.186	ng	100
36) 4-Chloro-3-methylphenol	8.50	107	877197	41.099	ng	100
37) 2-Methylnaphthalene	8.66	142	1876871	40.843	ng	100
38) 1-Methylnaphthalene	8.75	142	1772730	40.678	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	858020	41.557	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	512781	40.950	ng	100
43) 2,4,6-Trichlorophenol	8.93	196	650869	40.540	ng	100
44) 2,4,5-Trichlorophenol	8.97	196	670633	41.477	ng	100
46) 1,1'-Biphenyl	9.12	154	2196641	41.368	ng	100
47) 2-Chloronaphthalene	9.14	162	1875574	41.569	ng	100
48) 2-Nitroaniline	9.24	65	568263	42.204	ng	100
49) Acenaphthylene	9.56	152	2711589	41.442	ng	100
50) Dimethylphthalate	9.43	163	2162556	41.328	ng	100
51) 2,6-Dinitrotoluene	9.48	165	510608	41.492	ng	100
52) Acenaphthene	9.73	154	1652021	38.543	ng	100
53) 3-Nitroaniline	9.65	138	611608	42.544	ng	100
54) 2,4-Dinitrophenol	9.75	184	256910	46.135	ng	100
55) Dibenzofuran	9.90	168	2358213	39.566	ng	100
56) 4-Nitrophenol	9.82	139	433860	41.186	ng	100
57) 2,4-Dinitrotoluene	9.88	165	657975	42.532	ng	100
58) Fluorene	10.24	166	1694121	39.629	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	539118	40.698	ng	100
60) Diethylphthalate	10.12	149	2141746	40.790	ng	100
61) 4-Chlorophenyl-phenylether	10.23	204	863127	37.810	ng	100
62) 4-Nitroaniline	10.26	138	619365	44.420	ng	100
63) Azobenzene	10.39	77	1865023	41.728	ng	100
65) 4,6-Dinitro-2-methylphenol	10.29	198	329321	45.756	ng	100
66) n-Nitrosodiphenylamine	10.35	169	1684933	40.217	ng	100
67) 4-Bromophenyl-phenylether	10.72	248	627173	39.855	ng	100
68) Hexachlorobenzene	10.79	284	676273	39.268	ng	100
69) Atrazine	10.88	200	565331	38.798	ng	100
70) Pentachlorophenol	10.97	266	395160	39.690	ng	100
71) Phenanthrene	11.19	178	2695584	40.753	ng	100
72) Anthracene	11.25	178	2754734	39.574	ng	100
73) Carbazole	11.40	167	2496275	41.833	ng	100
74) Di-n-butylphthalate	11.74	149	3159385	40.254	ng	100
75) Fluoranthene	12.37	202	2745616	39.882	ng	100
77) Benzidine	12.49	184	1463421	37.072	ng	100
78) Pyrene	12.60	202	2827494	40.874	ng	100
80) Butylbenzylphthalate	13.22	149	1417134	40.568	ng	100
81) Benzo(a)anthracene	13.78	228	2411851	39.250	ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	1016587	40.800	ng	100
83) Chrysene	13.82	228	2427207	40.605	ng	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	1684619	38.138	ng	100
85) Di-n-octyl phthalate	14.39	149	3078250	41.013	ng	100
86) Indeno(1,2,3-cd)pyrene	16.47	276	2267465	33.245	ng	100
88) Benzo(b)fluoranthene	14.79	252	2469578	40.917	ng	100
89) Benzo(k)fluoranthene	14.82	252	2178135	42.496	ng	100
90) Benzo(a)pyrene	15.12	252	2171790	41.573	ng	100
91) Dibenzo(a,h)anthracene	16.49	278	1841368	37.220	ng	100
92) Benzo(g,h,i)perylene	16.87	276	1823347	36.650	ng	100

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

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