Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
Data File : BF114937.D
Acq On : 11 Jun 2019 11:06
Operator : HP/JU
Sample : PB120177BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 11 13:05:52 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 16:44:00 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Manual Integrations APPROVED
mohammad
6/12/2019 9:03:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	202865	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	796349	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	400694	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	821442	20.00	ng		0.00
76) Chrysene-d12	13.79	240	555653	20.00	ng		0.00
87) Perylene-d12	15.17	264	710267	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1425679	118.94	ng		0.00
7) Phenol-d6	6.30	99	1716790	118.74	ng		0.00
23) Nitrobenzene-d5	7.22	82	1074952	82.94	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	533695	122.44	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	2134202	84.53	ng		0.00
79) Terphenyl-d14	12.74	244	2469093	88.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	238421	41.916	ng		98
3) Pyridine	3.00	79	637958	40.292	ng		99
4) n-Nitrosodimethylamine	2.93	42	238509	41.938	ng		100
6) Aniline	6.32	93	511388	26.112	ng	#	33
8) 2-Chlorophenol	6.45	128	617497	45.138	ng		99
9) Benzaldehyde	6.20	77	139637	15.090	ng		98
10) Phenol	6.32	94	699180	43.368	ng		87
11) bis(2-Chloroethyl)ether	6.40	93	576774	44.888	ng		98
12) 1,3-Dichlorobenzene	6.60	146	684268	43.098	ng		99
13) 1,4-Dichlorobenzene	6.67	146	687319	43.169	ng		100
14) 1,2-Dichlorobenzene	6.83	146	646253	44.720	ng		98
15) Benzyl Alcohol	6.80	79	482030	46.203	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	756615	42.816	ng		100
17) 2-Methylphenol	6.92	107	508174	44.364	ng		98
18) Hexachloroethane	7.17	117	248658	42.379	ng		95
19) n-Nitroso-di-n-propylamine	7.07	70	384196	42.495	ng		97
20) 3+4-Methylphenols	7.07	107	611354m	47.667	ng		
22) Acetophenone	7.07	105	826137	46.345	ng		96
24) Nitrobenzene	7.24	77	616594	45.731	ng		96
25) Isophorone	7.48	82	1126880	44.400	ng		98
26) 2-Nitrophenol	7.56	139	348166	46.480	ng		99
27) 2,4-Dimethylphenol	7.60	122	559673	51.059	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	718649	44.263	ng		99
29) 2,4-Dichlorophenol	7.80	162	538100	46.877	ng		96
30) 1,2,4-Trichlorobenzene	7.88	180	589032	44.713	ng		98
31) Naphthalene	7.96	128	1776122	48.404	ng		98
32) Benzoic acid	7.69	122	108101	13.203	ng		97
33) 4-Chloroaniline	8.01	127	433965	25.061	ng		98
34) Hexachlorobutadiene	8.09	225	320300	43.349	ng		99
35) Caprolactam	8.38	113	177384m	45.874	ng		
36) 4-Chloro-3-methylphenol	8.50	107	551745	47.324	ng		99
37) 2-Methylnaphthalene	8.65	142	1219248	48.897	ng		99
38) 1-Methylnaphthalene	8.75	142	1146673	48.623	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	519736	45.114	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	639977	97.728	ng		100
43) 2,4,6-Trichlorophenol	8.93	196	394743	45.124	ng		97
44) 2,4,5-Trichlorophenol	8.97	196	418597	46.407	ng		98
46) 1,1'-Biphenyl	9.12	154	1451111	48.407	ng		98
47) 2-Chloronaphthalene	9.13	162	1153921	45.599	ng		98
48) 2-Nitroaniline	9.23	65	330994	42.970	ng		92
49) Acenaphthylene	9.55	152	1813326	48.626	ng		98
50) Dimethylphthalate	9.42	163	1354104	44.963	ng		99
51) 2,6-Dinitrotoluene	9.47	165	316190	45.711	ng		96
52) Acenaphthene	9.72	154	1063911	47.092	ng		100
53) 3-Nitroaniline	9.64	138	274871	33.092	ng		96
54) 2,4-Dinitrophenol	9.75	184	172249	50.313	ng		95
55) Dibenzofuran	9.89	168	1580937	49.021	ng		97
56) 4-Nitrophenol	9.82	139	548493	92.653	ng		100
57) 2,4-Dinitrotoluene	9.87	165	427178	48.857	ng		98
58) Fluorene	10.23	166	1152727	46.369	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	346213	47.479	ng		99
60) Diethylphthalate	10.12	149	1360837	46.492	ng		98
61) 4-Chlorophenyl-phenylether	10.23	204	563010	45.238	ng		99
62) 4-Nitroaniline	10.25	138	366826	43.093	ng		100
63) Azobenzene	10.39	77	1198575	47.046	ng		97
65) 4,6-Dinitro-2-methylphenol	10.28	198	149297	32.409	ng		93
66) n-Nitrosodiphenylamine	10.35	169	1106173	45.326	ng		99
67) 4-Bromophenyl-phenylether	10.72	248	383426	43.093	ng		92
68) Hexachlorobenzene	10.78	284	416530	42.392	ng		100
69) Atrazine	10.87	200	362599	44.094	ng		99
70) Pentachlorophenol	10.97	266	394503	71.600	ng		98
71) Phenanthrene	11.19	178	1856044	46.571	ng		98
72) Anthracene	11.24	178	1935155	47.839	ng		99
73) Carbazole	11.39	167	1738000	47.191	ng		99
74) Di-n-butylphthalate	11.73	149	2153602	47.316	ng		99
75) Fluoranthene	12.37	202	1968388	47.750	ng		96
77) Benzidine	12.49	184	863742	35.520	ng	#	95
78) Pyrene	12.59	202	1950137	40.298	ng		99
80) Butylbenzylphthalate	13.22	149	1016326	42.630	ng		97
81) Benzo(a)anthracene	13.77	228	1792898	43.638	ng		99
82) 3,3'-Dichlorobenzidine	13.74	252	447234	26.668	ng		98
83) Chrysene	13.81	228	1828703	44.324	ng		99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1290551	46.221	ng		99
85) Di-n-octyl phthalate	14.40	149	2186842	42.875	ng	#	9
86) Indeno(1,2,3-cd)pyrene	16.48	276	2051950	52.903	ng		99
88) Benzo(b)fluoranthene	14.79	252	1908582	41.275	ng		99
89) Benzo(k)fluoranthene	14.82	252	1832503	45.664	ng		99
90) Benzo(a)pyrene	15.12	252	1840213	45.818	ng		99
91) Dibenzo(a,h)anthracene	16.50	278	1671360	49.265	ng		99
92) Benzo(g,h,i)perylene	16.87	276	1724886	51.006	ng		97

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

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