Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111216.D
Acq On : 8 Dec 2018 5:13
Operator : JU/SJ
Sample : PB115436BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115436BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:57 AM

Quant Time: Dec 08 05:44:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	468808	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1828352	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	805309	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1178154	20.00	ng		0.00
76) Chrysene-d12	13.96	240	872703	20.00	ng		0.01
87) Perylene-d12	15.39	264	710991	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3006911	100.09	ng		0.01
7) Phenol-d6	6.44	99	3817273	98.64	ng		0.00
23) Nitrobenzene-d5	7.37	82	2418943	78.33	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	667831	104.33	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3701424	85.10	ng		0.00
79) Terphenyl-d14	12.91	244	2711715	63.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	453385	26.236	ng		97
3) Pyridine	3.32	79	1304879	34.047	ng		90
4) n-Nitrosodimethylamine	3.25	42	634102	33.603	ng		82
6) Aniline	6.46	93	531747	10.284	ng		100
8) 2-Chlorophenol	6.59	128	1170788	33.810	ng		97
9) Benzaldehyde	6.35	77	540928	22.663	ng		99
10) Phenol	6.45	94	1417785	33.599	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	1158889	33.602	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1190755	32.333	ng		95
13) 1,4-Dichlorobenzene	6.82	146	1217974	32.864	ng		98
14) 1,2-Dichlorobenzene	6.98	146	1139022	33.039	ng		99
15) Benzyl Alcohol	6.95	79	1011335	32.981	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2134563	31.817	ng		98
17) 2-Methylphenol	7.06	107	975340	34.312	ng		99
18) Hexachloroethane	7.32	117	428906	30.850	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	817745	31.442	ng		90
20) 3+4-Methylphenols	7.21	107	1162486	33.531	ng		93
22) Acetophenone	7.22	105	1513901	34.264	ng	#	99
24) Nitrobenzene	7.39	77	1218752	36.683	ng		99
25) Isophorone	7.63	82	2183266	38.522	ng		99
26) 2-Nitrophenol	7.70	139	578113	41.181	ng		89
27) 2,4-Dimethylphenol	7.74	122	1053487	39.847	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	1417590	36.947	ng		99
29) 2,4-Dichlorophenol	7.95	162	923144	35.467	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	911310	34.688	ng		97
31) Naphthalene	8.11	128	3144675	39.504	ng		98
32) Benzoic acid	7.84	122	620677m	35.601	ng		
33) 4-Chloroaniline	8.15	127	172369	4.479	ng		97
34) Hexachlorobutadiene	8.23	225	475295	33.291	ng		99
35) Caprolactam	8.52	113	311817	32.629	ng		89
36) 4-Chloro-3-methylphenol	8.64	107	973598	34.150	ng		96
37) 2-Methylnaphthalene	8.80	142	2112573	38.473	ng		97
38) 1-Methylnaphthalene	8.90	142	1969361	37.304	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	789338	36.776	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	341495	30.175	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	579783	36.986	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	604096	38.016	ng		98
46) 1,1'-Biphenyl	9.27	154	2327848	35.311	ng		97
47) 2-Chloronaphthalene	9.29	162	1832452	35.771	ng		95
48) 2-Nitroaniline	9.38	65	630464	37.976	ng		86
49) Acenaphthylene	9.70	152	2844369	39.723	ng		98
50) Dimethylphthalate	9.56	163	2122962	37.879	ng		99
51) 2,6-Dinitrotoluene	9.62	165	466054	39.221	ng		99
52) Acenaphthene	9.87	154	1717668	36.310	ng		99
53) 3-Nitroaniline	9.78	138	223934	15.003	ng		99
54) 2,4-Dinitrophenol	9.89	184	123282	36.645	ng	#	42
55) Dibenzofuran	10.05	168	2456227	37.697	ng		94
56) 4-Nitrophenol	9.95	139	726103	64.556	ng		90
57) 2,4-Dinitrotoluene	10.02	165	605035	39.425	ng		96
58) Fluorene	10.39	166	1749183	38.069	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	447697	37.748	ng		96
60) Diethylphthalate	10.26	149	2026904	36.188	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	816951	36.079	ng		97
62) 4-Nitroaniline	10.39	138	346230	25.701	ng		93
63) Azobenzene	10.55	77	2089064	35.033	ng		92
65) 4,6-Dinitro-2-methylphenol	10.43	198	104147	21.397	ng		93
66) n-Nitrosodiphenylamine	10.50	169	1654257	40.100	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	497344	39.879	ng		96
68) Hexachlorobenzene	10.94	284	477072	37.410	ng		97
69) Atrazine	11.03	200	498138	Below Cal			98
70) Pentachlorophenol	11.13	266	520106	62.020	ng		98
71) Phenanthrene	11.35	178	2290535	40.418	ng		96
72) Anthracene	11.40	178	2336977	40.910	ng		98
73) Carbazole	11.55	167	2091790	35.192	ng		96
74) Di-n-butylphthalate	11.89	149	2835698	40.755	ng		98
75) Fluoranthene	12.53	202	2113859	38.119	ng		99
77) Benzidine	12.65	184	1130285	Below Cal			99
78) Pyrene	12.76	202	2156764	31.722	ng		97
80) Butylbenzylphthalate	13.39	149	1078048	32.822	ng		95
81) Benzo(a)anthracene	13.95	228	1880120	36.770	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	543694	28.176	ng		96
83) Chrysene	13.99	228	1865310	36.747	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1335277	33.657	ng		97
85) Di-n-octyl phthalate	14.56	149	2662490	42.690	ng		95
86) Indeno(1,2,3-cd)pyrene	16.80	276	1230312	30.188	ng	#	83
88) Benzo(b)fluoranthene	14.98	252	1852755	45.988	ng		97
89) Benzo(k)fluoranthene	15.01	252	1539015	39.515	ng		98
90) Benzo(a)pyrene	15.33	252	1487053	40.241	ng		100
91) Dibenzo(a,h)anthracene	16.82	278	1036132	33.412	ng		98
92) Benzo(g,h,i)perylene	17.23	276	1019400	32.712	ng		97

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

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