Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111214.D
Acq On : 8 Dec 2018 4:18
Operator : JU/SJ
Sample : PB115402BSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115402BSD

Quant Time: Dec 08 04:54:50 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	340219	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1405810	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	630978	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1027961	20.00	ng		0.00
76) Chrysene-d12	13.96	240	597363	20.00	ng		0.01
87) Perylene-d12	15.39	264	597743	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1758809	80.67	ng		0.00
7) Phenol-d6	6.43	99	2457300	87.49	ng		0.00
23) Nitrobenzene-d5	7.37	82	2099829	88.43	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	412145	82.17	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3249509	97.43	ng		0.00
79) Terphenyl-d14	12.91	244	2102921	72.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	390580	31.145	ng		97
3) Pyridine	3.30	79	1014257	36.466	ng		94
4) n-Nitrosodimethylamine	3.23	42	540430	39.463	ng		89
6) Aniline	6.46	93	602431	16.055	ng		99
8) 2-Chlorophenol	6.59	128	1056562	42.044	ng		99
9) Benzaldehyde	6.35	77	505167	31.523	ng		99
10) Phenol	6.45	94	1336464	43.642	ng		92
11) bis(2-Chloroethyl)ether	6.54	93	1034334	41.326	ng		96
12) 1,3-Dichlorobenzene	6.75	146	1037410	38.816	ng		97
13) 1,4-Dichlorobenzene	6.82	146	1025579	38.132	ng		98
14) 1,2-Dichlorobenzene	6.98	146	984240	39.339	ng		99
15) Benzyl Alcohol	6.95	79	840248	37.759	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1809522	37.166	ng		99
17) 2-Methylphenol	7.06	107	818921	39.698	ng		98
18) Hexachloroethane	7.32	117	387334	38.390	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	660511	34.996	ng		92
20) 3+4-Methylphenols	7.21	107	965092	38.358	ng		92
22) Acetophenone	7.22	105	1255393	36.953	ng	#	99
24) Nitrobenzene	7.39	77	1090613	42.692	ng		99
25) Isophorone	7.63	82	1865779	42.815	ng		100
26) 2-Nitrophenol	7.70	139	510359	47.282	ng		87
27) 2,4-Dimethylphenol	7.74	122	890633	43.812	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	1205475	40.862	ng		100
29) 2,4-Dichlorophenol	7.95	162	760330	37.992	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	772309	38.233	ng		98
31) Naphthalene	8.11	128	2675095	43.706	ng		97
32) Benzoic acid	7.84	122	567735	42.352	ng		96
33) 4-Chloroaniline	8.15	127	213028	7.200	ng		96
34) Hexachlorobutadiene	8.23	225	406640	37.043	ng		99
35) Caprolactam	8.52	113	270609	36.828	ng		96
36) 4-Chloro-3-methylphenol	8.64	107	805538	36.748	ng		100
37) 2-Methylnaphthalene	8.80	142	1868914	44.266	ng		98
38) 1-Methylnaphthalene	8.90	142	1733797	42.714	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	702544	41.776	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	292989	33.041	ng		97
43) 2,4,6-Trichlorophenol	9.08	196	498757	40.608	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	532015	42.730	ng		98
46) 1,1'-Biphenyl	9.27	154	1976158	38.258	ng		95
47) 2-Chloronaphthalene	9.29	162	1536071	38.270	ng		96
48) 2-Nitroaniline	9.38	65	525771	40.420	ng		89
49) Acenaphthylene	9.70	152	2464722	43.931	ng		97
50) Dimethylphthalate	9.56	163	1923368	43.799	ng		99
51) 2,6-Dinitrotoluene	9.62	165	406192	43.628	ng		99
52) Acenaphthene	9.87	154	1529155	41.256	ng		99
53) 3-Nitroaniline	9.78	138	193828	16.574	ng		98
54) 2,4-Dinitrophenol	9.89	184	113277	41.833	ng	#	40
55) Dibenzofuran	10.05	168	2331320	45.665	ng		95
56) 4-Nitrophenol	9.95	139	705460	80.049	ng		91
57) 2,4-Dinitrotoluene	10.02	165	580647	48.289	ng		97
58) Fluorene	10.39	166	1624893	45.135	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	429623	46.233	ng		95
60) Diethylphthalate	10.26	149	1912138	43.571	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	761310	42.911	ng		98
62) 4-Nitroaniline	10.39	138	324939	30.785	ng		97
63) Azobenzene	10.54	77	1819470	38.942	ng		92
65) 4,6-Dinitro-2-methylphenol	10.43	198	98598	23.217	ng		94
66) n-Nitrosodiphenylamine	10.50	169	1437779	39.944	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	430316	39.545	ng	#	87
68) Hexachlorobenzene	10.94	284	455075	40.899	ng		96
69) Atrazine	11.03	200	437952	Below Cal			96
70) Pentachlorophenol	11.13	266	510071	69.710	ng		98
71) Phenanthrene	11.35	178	2182724	44.143	ng		97
72) Anthracene	11.40	178	2149600	43.128	ng		96
73) Carbazole	11.55	167	2005017	38.660	ng		96
74) Di-n-butylphthalate	11.89	149	2424974	39.944	ng		98
75) Fluoranthene	12.53	202	1712575	35.395	ng		98
77) Benzidine	12.65	184	784232	Below Cal			98
78) Pyrene	12.76	202	1685281	36.212	ng		96
80) Butylbenzylphthalate	13.39	149	835390	37.158	ng		95
81) Benzo(a)anthracene	13.95	228	1453230	41.521	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	424379	32.130	ng		98
83) Chrysene	13.99	228	1439575	41.432	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1081247	39.816	ng		99
85) Di-n-octyl phthalate	14.56	149	2005136	46.969	ng		96
86) Indeno(1,2,3-cd)pyrene	16.81	276	1223080	43.843	ng	#	83
88) Benzo(b)fluoranthene	14.98	252	1369031	40.419	ng		99
89) Benzo(k)fluoranthene	15.01	252	1403693	42.869	ng		99
90) Benzo(a)pyrene	15.34	252	1351813	43.512	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	1041004	39.929	ng		98
92) Benzo(g,h,i)perylene	17.23	276	924672	35.294	ng		98

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

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