Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108415.D
Acq On : 23 Aug 2018 7:35
Operator : JU/SJ
Sample : PB112196BSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112196BSD

Quant Time: Aug 23 08:01:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	158912	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	582203	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	280193	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	485175	20.00	ng		0.00
75) Chrysene-d12	14.19	240	311857	20.00	ng		0.00
86) Perylene-d12	15.75	264	262273	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	820440	93.47	ng		0.00
7) Phenol-d6	6.63	99	1115682	95.65	ng		0.00
23) Nitrobenzene-d5	7.57	82	1063045	101.89	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	242011	86.59	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1885202	108.02	ng		0.00
78) Terphenyl-d14	13.13	244	1413534	115.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.97	88	140359	31.121	ng		90
3) Pyridine	3.72	79	415767	35.786	ng		89
4) n-Nitrosodimethylamine	3.70	42	246671	37.732	ng		82
6) Aniline	6.67	93	345835	21.798	ng		96
8) 2-Chlorophenol	6.79	128	446500	45.166	ng		95
9) Benzaldehyde	6.55	77	307004	33.948	ng		96
10) Phenol	6.64	94	552607	45.802	ng		89
11) bis(2-Chloroethyl)ether	6.74	93	420731	43.134	ng		94
12) 1,3-Dichlorobenzene	6.94	146	484564	42.392	ng		97
13) 1,4-Dichlorobenzene	7.02	146	489857	42.654	ng		98
14) 1,2-Dichlorobenzene	7.18	146	457524	42.829	ng		96
15) Benzyl Alcohol	7.14	79	407032	41.452	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	786434	39.137	ng		99
17) 2-Methylphenol	7.25	107	388798	45.862	ng		94
18) Hexachloroethane	7.51	117	165637	40.511	ng		94
19) n-Nitroso-di-n-propylamine	7.41	70	332443	42.147	ng		90
20) 3+4-Methylphenols	7.40	107	474656	43.691	ng	#	82
22) Acetophenone	7.41	105	632142	46.435	ng	#	93
24) Nitrobenzene	7.59	77	490434	46.485	ng		96
25) Isophorone	7.82	82	913444	45.933	ng		99
26) 2-Nitrophenol	7.90	139	196913	49.422	ng		91
27) 2,4-Dimethylphenol	7.93	122	406309	46.034	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	544577	46.909	ng		99
29) 2,4-Dichlorophenol	8.14	162	386694	47.608	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	416745	46.536	ng		97
31) Naphthalene	8.31	128	1246549	47.080	ng		99
32) Benzoic acid	8.04	122	108296	24.487	ng		91
33) 4-Chloroaniline	8.35	127	90484	7.842	ng		97
34) Hexachlorobutadiene	8.42	225	268199	47.308	ng		100
35) Caprolactam	8.74	113	113385	44.545	ng		91
36) 4-Chloro-3-methylphenol	8.84	107	405881	46.321	ng		96
37) 2-Methylnaphthalene	9.00	142	861859	46.007	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	437966	50.900	ng		97
40) Hexachlorocyclopentadiene	9.15	237	149634	26.924	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	263941	49.432 ng		99
43) 2,4,5-Trichlorophenol	9.32	196	270973	46.101 ng		96
45) 1,1'-Biphenyl	9.47	154	1034313	50.067 ng		99
46) 2-Chloronaphthalene	9.50	162	797107	48.819 ng		99
47) 2-Nitroaniline	9.59	65	274545	51.967 ng		87
48) Acenaphthylene	9.91	152	1250395	48.440 ng		99
49) Dimethylphthalate	9.77	163	987118	50.575 ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	204771	50.146 ng		92
51) Acenaphthene	10.08	154	732599	46.337 ng		98
52) 3-Nitroaniline	10.00	138	138492	30.997 ng		93
53) 2,4-Dinitrophenol	10.11	184	15106	16.038 ng	#	24
54) Dibenzofuran	10.25	168	1091536	47.653 ng		96
55) 4-Nitrophenol	10.16	139	220715	65.237 ng		86
56) 2,4-Dinitrotoluene	10.24	165	257280	48.947 ng	#	94
57) Fluorene	10.60	166	842309	46.453 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	201064	40.926 ng	#	84
59) Diethylphthalate	10.46	149	932140	49.320 ng		96
60) 4-Chlorophenyl-phenylether	10.59	204	450084	47.636 ng		89
61) 4-Nitroaniline	10.62	138	195227	44.196 ng		97
62) Azobenzene	10.75	77	894264	45.817 ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	15482	12.909 ng		94
65) n-Nitrosodiphenylamine	10.71	169	783115	54.621 ng		96
66) 4-Bromophenyl-phenylether	11.08	248	284606	53.979 ng		90
67) Hexachlorobenzene	11.15	284	282140	50.858 ng	#	89
68) Atrazine	11.23	200	257362	53.519 ng		96
69) Pentachlorophenol	11.34	266	166784	62.812 ng		98
70) Phenanthrene	11.57	178	1118564	48.880 ng		99
71) Anthracene	11.62	178	1145748	48.850 ng		100
72) Carbazole	11.77	167	970192	46.557 ng		99
73) Di-n-butylphthalate	12.09	149	1310826	55.535 ng		99
74) Fluoranthene	12.77	202	1033647	41.387 ng		95
76) Benzidine	12.88	184	323553	27.769 ng		99
77) Pyrene	12.99	202	988754	50.079 ng		100
79) Butylbenzylphthalate	13.59	149	444294	56.671 ng		97
80) Benzo(a)anthracene	14.19	228	883842	49.384 ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	223383	34.828 ng	#	95
82) Chrysene	14.22	228	800475	48.785 ng		100
83) Bis(2-ethylhexyl)phthalate	14.15	149	597021	56.234 ng		100
84) Di-n-octyl phthalate	14.77	149	951509	58.766 ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	606901	42.688 ng	#	90
87) Benzo(b)fluoranthene	15.28	252	831375	53.049 ng	#	96
88) Benzo(k)fluoranthene	15.32	252	721168	50.059 ng	#	95
89) Benzo(a)pyrene	15.68	252	693122	49.390 ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	519787	44.765 ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	476310	41.658 ng	#	90

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

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