Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111234.D
Acq On : 10 Dec 2018 11:28
Operator : JU/SJ
Sample : J6083-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2MS

Quant Time: Dec 10 15:39:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	670217	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2636204	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1243262	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	2087395	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1170635	20.00	ng		0.00
87) Perylene-d12	15.39	264	1025639	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	4813871	113.42	ng		0.02
7) Phenol-d6	6.45	99	6478266	122.82	ng		0.01
23) Nitrobenzene-d5	7.37	82	4278353	91.03	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1265846	114.94	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	5683013	77.29	ng		0.00
79) Terphenyl-d14	12.91	244	4729348	96.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	781579	35.890	ng		99
3) Pyridine	3.35	79	2226094	38.477	ng		97
4) n-Nitrosodimethylamine	3.29	42	1174042	47.595	ng		99
6) Aniline	6.47	93	1335785	18.994	ng		97
8) 2-Chlorophenol	6.59	128	2007904	41.619	ng		97
9) Benzaldehyde	6.35	77	911249	27.125	ng		99
10) Phenol	6.46	94	2719973	44.101	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	2024602	42.445	ng		99
12) 1,3-Dichlorobenzene	6.75	146	2089903	40.316	ng		98
13) 1,4-Dichlorobenzene	6.82	146	2109381	40.300	ng		99
14) 1,2-Dichlorobenzene	6.97	146	1943596	39.812	ng		98
15) Benzyl Alcohol	6.95	79	1819871	43.599	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3831103	42.899	ng		99
17) 2-Methylphenol	7.06	107	1832449	46.523	ng		97
18) Hexachloroethane	7.32	117	806761	40.483	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	1491452	42.210	ng		99
20) 3+4-Methylphenols	7.22	107	1976689	42.192	ng		97
22) Acetophenone	7.22	105	2720194	45.097	ng	#	99
24) Nitrobenzene	7.39	77	2181364	44.593	ng		95
25) Isophorone	7.63	82	4104389	51.271	ng		98
26) 2-Nitrophenol	7.70	139	1128242	46.421	ng		98
27) 2,4-Dimethylphenol	7.74	122	1895487	50.470	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	2668860	48.144	ng		99
29) 2,4-Dichlorophenol	7.95	162	1749286	45.552	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	1678293	44.368	ng		99
31) Naphthalene	8.11	128	5302296	46.085	ng		96
33) 4-Chloroaniline	8.15	127	614424	11.119	ng		97
34) Hexachlorobutadiene	8.23	225	871112	41.719	ng		99
35) Caprolactam	8.53	113	585718	43.042	ng		95
36) 4-Chloro-3-methylphenol	8.64	107	1895254	48.203	ng		99
37) 2-Methylnaphthalene	8.80	142	3713339	48.612	ng		97
38) 1-Methylnaphthalene	8.90	142	3525155	47.124	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1354764	39.162	ng		99
41) Hexachlorocyclopentadiene	8.96	237	1359728	69.017	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.08	196	1049263	40.407	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	1182372	43.709	ng		98
46) 1,1'-Biphenyl	9.26	154	4016513	39.680	ng		97
47) 2-Chloronaphthalene	9.29	162	3317228	40.778	ng		98
48) 2-Nitroaniline	9.38	65	1247545	44.956	ng		98
49) Acenaphthylene	9.70	152	4953873	41.947	ng		97
50) Dimethylphthalate	9.57	163	4182532	45.594	ng		98
51) 2,6-Dinitrotoluene	9.63	165	967828	47.773	ng		97
52) Acenaphthene	9.87	154	3013770	40.666	ng		99
53) 3-Nitroaniline	9.79	138	584459	23.373	ng		97
54) 2,4-Dinitrophenol	9.89	184	40937	5.114	ng	#	1
55) Dibenzofuran	10.05	168	4332696	42.973	ng		94
56) 4-Nitrophenol	9.95	139	1098937	56.428	ng		97
57) 2,4-Dinitrotoluene	10.03	165	1235685	49.478	ng		97
58) Fluorene	10.39	166	3180473	40.764	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	804867	39.254	ng		100
60) Diethylphthalate	10.27	149	3737106	42.731	ng		97
61) 4-Chlorophenyl-phenylether	10.38	204	1465583	37.832	ng		97
62) 4-Nitroaniline	10.40	138	1018290	43.038	ng		99
63) Azobenzene	10.54	77	3736298	41.149	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	200233	16.858	ng		86
66) n-Nitrosodiphenylamine	10.50	169	3110323	43.773	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	983285	43.008	ng		96
68) Hexachlorobenzene	10.94	284	999963	42.995	ng		94
69) Atrazine	11.03	200	1003154	46.426	ng		97
70) Pentachlorophenol	11.13	266	899582	53.318	ng		95
71) Phenanthrene	11.35	178	4458196	42.344	ng		98
72) Anthracene	11.40	178	4523180	41.064	ng		97
73) Carbazole	11.55	167	4538241	39.402	ng		97
74) Di-n-butylphthalate	11.89	149	5001132	42.244	ng		97
75) Fluoranthene	12.53	202	4346995	45.197	ng		94
77) Benzidine	12.65	184	865852	24.910	ng		97
78) Pyrene	12.76	202	4396496	52.556	ng		97
80) Butylbenzylphthalate	13.39	149	2129879	48.745	ng		98
81) Benzo(a)anthracene	13.95	228	3030201	46.398	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	548485	20.490	ng		99
83) Chrysene	13.99	228	3098731	46.024	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	2270042	43.722	ng		98
85) Di-n-octyl phthalate	14.56	149	3792815	43.583	ng		100
86) Indeno(1,2,3-cd)pyrene	16.82	276	3114807	57.311	ng		99
88) Benzo(b)fluoranthene	14.98	252	2926857	51.602	ng		99
89) Benzo(k)fluoranthene	15.02	252	2502910	46.935	ng		99
90) Benzo(a)pyrene	15.34	252	2632947	50.409	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	2529950	61.668	ng		98
92) Benzo(g,h,i)perylene	17.24	276	2664645	64.884	ng		97

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

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