Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091927.D
Acq On : 23 Dec 2016 16:50
Operator : UM/SJ
Sample : H6156-25MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201612MSD

Quant Time: Dec 26 10:10:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 10:05:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	186501	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	749140	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	425300	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	709624	20.00	ng		0.00
75) Chrysene-d12	13.89	240	507833	20.00	ng		-0.01
86) Perylene-d12	15.29	264	403764	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1490446	133.44	ng		0.05
7) Phenol-d6	6.44	99	1786010	130.97	ng		0.03
23) Nitrobenzene-d5	7.31	82	1397009	103.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	544295	154.64	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2178609	108.53	ng		-0.01
78) Terphenyl-d14	12.84	244	2026483	96.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	215566	39.20	ng		99
3) Pyridine	3.01	79	577308	30.08	ng		98
4) n-Nitrosodimethylamine	2.98	42	343729	47.48	ng		99
6) Aniline	6.41	93	301919	17.05	ng	#	45
8) 2-Chlorophenol	6.54	128	572642	45.07	ng		97
9) Benzaldehyde	6.28	77	79184	7.74	ng		96
10) Phenol	6.45	94	760096	48.91	ng	#	71
11) bis(2-Chloroethyl)ether	6.49	93	672311	54.38	ng		97
12) 1,3-Dichlorobenzene	6.68	146	610197	44.99	ng	#	95
13) 1,4-Dichlorobenzene	6.76	146	624421	45.23	ng		95
14) 1,2-Dichlorobenzene	6.91	146	499271	41.68	ng		95
15) Benzyl Alcohol	6.91	79	571397	53.93	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	877856	47.68	ng		93
17) 2-Methylphenol	7.05	107	518064	50.70	ng		98
18) Hexachloroethane	7.25	117	236455	46.20	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	517092	57.00	ng	#	90
20) 3+4-Methylphenols	7.21	107	718683	58.97	ng	#	72
22) Acetophenone	7.16	105	977608	52.91	ng	#	91
24) Nitrobenzene	7.33	77	755377	52.64	ng		97
25) Isophorone	7.57	82	1250017	50.29	ng		95
26) 2-Nitrophenol	7.65	139	366994	51.86	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	568968	48.48	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	790138	52.42	ng		99
29) 2,4-Dichlorophenol	7.92	162	546195	54.96	ng		94
30) 1,2,4-Trichlorobenzene	7.97	180	541719	49.74	ng	#	96
31) Naphthalene	8.06	128	7012922	204.54	ng		97
32) Benzoic acid	7.88	122	362222m	41.61	ng		
33) 4-Chloroaniline	8.11	127	212625	13.75	ng		99
34) Hexachlorobutadiene	8.17	225	279941	48.70	ng		99
35) Caprolactam	8.49	113	120887m	37.02	ng		
36) 4-Chloro-3-methylphenol	8.62	107	593508	51.90	ng		100
37) 2-Methylnaphthalene	8.74	142	1427635	60.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	514150	47.85	ng		97
40) Hexachlorocyclopentadiene	8.90	237	405578	84.52	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	356623	47.46	ng		97
43) 2,4,5-Trichlorophenol	9.08	196	343958	44.48	ng		92
45) 1,1'-Biphenyl	9.21	154	1520325	52.21	ng		98
46) 2-Chloronaphthalene	9.23	162	1097857	47.61	ng		95
47) 2-Nitroaniline	9.33	65	332786	40.53	ng		96
48) Acenaphthylene	9.64	152	1652789	46.60	ng		99
49) Dimethylphthalate	9.52	163	1299707	47.78	ng		98
50) 2,6-Dinitrotoluene	9.57	165	290695	48.83	ng	#	61
51) Acenaphthene	9.81	154	1025024	42.63	ng		99
52) 3-Nitroaniline	9.74	138	148239	20.12	ng		95
53) 2,4-Dinitrophenol	9.86	184	327402	98.83	ng	#	68
54) Dibenzofuran	9.98	168	1382056	42.56	ng		96
55) 4-Nitrophenol	9.96	139	525731	105.09	ng	#	71
56) 2,4-Dinitrotoluene	9.98	165	405417	54.25	ng		94
57) Fluorene	10.33	166	1117185	47.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	306829	50.16	ng		98
59) Diethylphthalate	10.21	149	1274812	48.26	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	536156	51.83	ng	#	78
61) 4-Nitroaniline	10.36	138	242560	31.77	ng		94
62) Azobenzene	10.48	77	1463651	50.32	ng		97
64) 4,6-Dinitro-2-methylphenol	10.40	198	220061	51.28	ng		86
65) n-Nitrosodiphenylamine	10.44	169	1059492	50.32	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	343133	46.48	ng		97
67) Hexachlorobenzene	10.88	284	371463	47.08	ng	#	94
68) Atrazine	10.98	200	308675	45.44	ng		97
69) Pentachlorophenol	11.08	266	372124	96.12	ng		98
70) Phenanthrene	11.29	178	1831422	47.60	ng		99
71) Anthracene	11.33	178	1772043	57.22	ng		99
72) Carbazole	11.50	167	1756162	49.26	ng		98
73) Di-n-butylphthalate	11.82	149	1917159	53.34	ng		99
74) Fluoranthene	12.46	202	1760249	52.81	ng		98
76) Benzidine	12.59	184	160734	8.98	ng		95
77) Pyrene	12.69	202	1690187	45.36	ng		100
79) Butylbenzylphthalate	13.32	149	861659	50.85	ng		94
80) Benzo(a)anthracene	13.88	228	1347359	47.00	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	227138	20.90	ng		98
82) Chrysene	13.92	228	1243518	43.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1026793	51.45	ng	#	100
84) Di-n-octyl phthalate	14.49	149	1798460	48.65	ng		100
85) Indeno(1,2,3-cd)pyrene	16.63	276	1157692	46.47	ng		99
87) Benzo(b)fluoranthene	14.90	252	1308680m	52.06	ng		
88) Benzo(k)fluoranthene	14.92	252	962714m	44.91	ng		
89) Benzo(a)pyrene	15.23	252	1088864	48.80	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	956164	52.14	ng		97
91) Benzo(g,h,i)perylene	17.03	276	1004237	52.66	ng		98

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

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