Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091739.D
Acq On : 18 Dec 2016 16:34
Operator : UM/SJ
Sample : H6099-12MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP09-2-2.5FTMSD

Quant Time: Dec 19 03:12:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	304965	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1222215	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	646281	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	990003	20.00	ng		0.00
75) Chrysene-d12	13.93	240	734261	20.00	ng		0.00
86) Perylene-d12	15.32	264	650963	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	2849692	156.55	ng		0.02
7) Phenol-d6	6.42	99	3399854	153.15	ng		0.00
23) Nitrobenzene-d5	7.34	82	2229395	105.19	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	661022	120.62	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3146824	97.82	ng		0.00
78) Terphenyl-d14	12.88	244	2430880	83.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	439175	48.99	ng		99
3) Pyridine	3.10	79	1160142	40.17	ng		98
4) n-Nitrosodimethylamine	3.08	42	603528	54.00	ng		98
6) Aniline	6.44	93	401300	14.05	ng	#	25
8) 2-Chlorophenol	6.56	128	963836	48.10	ng		95
9) Benzaldehyde	6.30	77	195769	12.10	ng		89
10) Phenol	6.44	94	1357196	54.24	ng	#	70
11) bis(2-Chloroethyl)ether	6.51	93	946113	47.34	ng		98
12) 1,3-Dichlorobenzene	6.70	146	1005392m	45.69	ng		
13) 1,4-Dichlorobenzene	6.78	146	983600	44.18	ng		100
14) 1,2-Dichlorobenzene	6.94	146	966240	49.54	ng		97
15) Benzyl Alcohol	6.92	79	810662	47.17	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1429716	46.82	ng		99
17) 2-Methylphenol	7.05	107	869263	51.92	ng		95
18) Hexachloroethane	7.28	117	402094	48.61	ng	#	88
19) n-Nitroso-di-n-propylamine	7.20	70	719551	48.73	ng		99
20) 3+4-Methylphenols	7.20	107	965927	51.72	ng	#	90
22) Acetophenone	7.18	105	1421601	48.17	ng		98
24) Nitrobenzene	7.36	77	995576	43.74	ng		98
25) Isophorone	7.60	82	2067194	51.12	ng		96
26) 2-Nitrophenol	7.68	139	583146	53.11	ng		95
27) 2,4-Dimethylphenol	7.72	122	911493	50.89	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	1260486	53.27	ng		100
29) 2,4-Dichlorophenol	7.92	162	834012	50.49	ng		88
30) 1,2,4-Trichlorobenzene	8.00	180	854467	47.73	ng	#	95
31) Naphthalene	8.08	128	2661357	45.58	ng		100
32) Benzoic acid	7.80	122	59492	4.66	ng		96
33) 4-Chloroaniline	8.13	127	203379	8.27	ng	#	91
34) Hexachlorobutadiene	8.20	225	487228	48.41	ng		99
35) Caprolactam	8.52	113	267714m	50.37	ng		
36) 4-Chloro-3-methylphenol	8.62	107	959344	52.64	ng		98
37) 2-Methylnaphthalene	8.77	142	1889737	51.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	723332	44.90	ng		99
40) Hexachlorocyclopentadiene	8.92	237	706918	103.54	ng		97

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Quant Time: Dec 19 03:12:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	600342	52.16	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	582838	51.54	ng	#	88
45) 1,1'-Biphenyl	9.24	154	2202328	47.55	ng		98
46) 2-Chloronaphthalene	9.25	162	1651999	47.72	ng		94
47) 2-Nitroaniline	9.36	65	530606	44.89	ng		98
48) Acenaphthylene	9.68	152	2567831	47.88	ng		100
49) Dimethylphthalate	9.55	163	2413860	57.18	ng		99
50) 2,6-Dinitrotoluene	9.61	165	487853	52.71	ng		95
51) Acenaphthene	9.85	154	1801469	48.94	ng		99
52) 3-Nitroaniline	9.77	138	220121	19.10	ng		88
53) 2,4-Dinitrophenol	9.87	184	245781	49.15	ng	#	50
54) Dibenzofuran	10.02	168	2255869	51.53	ng		99
55) 4-Nitrophenol	9.95	139	711149	88.86	ng		99
56) 2,4-Dinitrotoluene	10.01	165	565156	48.88	ng		92
57) Fluorene	10.36	166	1724387	50.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	462631	49.49	ng		96
59) Diethylphthalate	10.25	149	2013320	48.52	ng		95
60) 4-Chlorophenyl-phenylether	10.35	204	694619	44.85	ng		98
61) 4-Nitroaniline	10.38	138	435036	39.84	ng		99
62) Azobenzene	10.51	77	2107711	47.74	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	336930	51.60	ng		99
65) n-Nitrosodiphenylamine	10.48	169	1580128	51.40	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	528894	50.95	ng	#	90
67) Hexachlorobenzene	10.91	284	525849	48.34	ng	#	84
68) Atrazine	11.00	200	471123	50.71	ng		98
69) Pentachlorophenol	11.10	266	588673	100.28	ng		100
70) Phenanthrene	11.31	178	2439899	49.32	ng		99
71) Anthracene	11.37	178	2424052	46.26	ng		100
72) Carbazole	11.53	167	2499421	54.55	ng		99
73) Di-n-butylphthalate	11.86	149	2608324	44.40	ng		100
74) Fluoranthene	12.50	202	2278805	44.11	ng		99
76) Benzidine	12.63	184	587569	27.80	ng		97
77) Pyrene	12.73	202	2380073	44.88	ng		99
79) Butylbenzylphthalate	13.36	149	1222393	49.25	ng		90
80) Benzo(a)anthracene	13.92	228	1727523	41.13	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	353774	21.05	ng	#	96
82) Chrysene	13.95	228	1696247	38.96	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1366916	43.42	ng	#	98
84) Di-n-octyl phthalate	14.52	149	2595695	44.74	ng		100
85) Indeno(1,2,3-cd)pyrene	16.68	276	1669579	39.00	ng		100
87) Benzo(b)fluoranthene	14.93	252	1937135m	46.93	ng		
88) Benzo(k)fluoranthene	14.96	252	1597721m	55.16	ng		
89) Benzo(a)pyrene	15.27	252	1709340	48.25	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	1364279	44.18	ng		98
91) Benzo(g,h,i)perylene	17.08	276	1390017	44.29	ng		96

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

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