Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091738.D
Acq On : 18 Dec 2016 16:07
Operator : UM/SJ
Sample : H6099-11MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP09-2-2.5FTMS

Quant Time: Dec 19 03:11:24 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	347124	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1221834	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	656399	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1011141	20.00	ng		0.00
75) Chrysene-d12	13.93	240	735227	20.00	ng		0.00
86) Perylene-d12	15.32	264	672092	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	2981346	143.89	ng		0.02
7) Phenol-d6	6.42	99	3387817	134.07	ng		0.00
23) Nitrobenzene-d5	7.34	82	2226003	105.06	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	658823	118.37	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3107455	95.11	ng		0.00
78) Terphenyl-d14	12.88	244	2466153	84.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	399387	39.14	ng		99
3) Pyridine	3.09	79	1095510	33.33	ng		99
4) n-Nitrosodimethylamine	3.06	42	554907	43.62	ng		99
6) Aniline	6.44	93	493854	15.19	ng		99
8) 2-Chlorophenol	6.56	128	906091	39.73	ng		95
9) Benzaldehyde	6.30	77	171093	8.85	ng		88
10) Phenol	6.44	94	1095504	38.46	ng	#	74
11) bis(2-Chloroethyl)ether	6.51	93	907724	39.90	ng		98
12) 1,3-Dichlorobenzene	6.70	146	994009m	39.69	ng		
13) 1,4-Dichlorobenzene	6.78	146	985879	38.90	ng		98
14) 1,2-Dichlorobenzene	6.94	146	901629	40.62	ng		97
15) Benzyl Alcohol	6.92	79	804932	41.14	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1352346	38.91	ng		99
17) 2-Methylphenol	7.04	107	774875	40.66	ng		99
18) Hexachloroethane	7.28	117	358624	38.09	ng	#	86
19) n-Nitroso-di-n-propylamine	7.20	70	621732	36.99	ng		99
20) 3+4-Methylphenols	7.20	107	892208	41.97	ng	#	86
22) Acetophenone	7.18	105	1266404	42.93	ng		99
24) Nitrobenzene	7.36	77	907251	39.87	ng		98
25) Isophorone	7.60	82	1869944	46.26	ng		96
26) 2-Nitrophenol	7.68	139	540573	49.25	ng		95
27) 2,4-Dimethylphenol	7.72	122	825787	46.12	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	1173575	49.62	ng		100
29) 2,4-Dichlorophenol	7.92	162	725568	43.94	ng		88
30) 1,2,4-Trichlorobenzene	8.00	180	756532	42.27	ng	#	96
31) Naphthalene	8.08	128	2354498	40.34	ng		99
32) Benzoic acid	7.81	122	97275	7.62	ng		98
33) 4-Chloroaniline	8.13	127	253803	10.32	ng	#	92
34) Hexachlorobutadiene	8.20	225	444977	44.22	ng		98
35) Caprolactam	8.51	113	234925m	44.21	ng		
36) 4-Chloro-3-methylphenol	8.62	107	810765	44.50	ng		99
37) 2-Methylnaphthalene	8.77	142	1720983	46.77	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	654650	40.01	ng		99
40) Hexachlorocyclopentadiene	8.92	237	659471	95.10	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	525520	44.95	ng		100
43) 2,4,5-Trichlorophenol	9.10	196	517152	45.03	ng	#	84
45) 1,1'-Biphenyl	9.23	154	1945233	41.35	ng		96
46) 2-Chloronaphthalene	9.25	162	1487899	42.32	ng		94
47) 2-Nitroaniline	9.36	65	519974	43.32	ng		96
48) Acenaphthylene	9.68	152	2349028	43.12	ng		99
49) Dimethylphthalate	9.55	163	2305186	53.76	ng		99
50) 2,6-Dinitrotoluene	9.61	165	426319	45.35	ng	#	82
51) Acenaphthene	9.85	154	1669903	44.66	ng		99
52) 3-Nitroaniline	9.77	138	251047	21.45	ng		88
53) 2,4-Dinitrophenol	9.87	184	275727	54.29	ng	#	52
54) Dibenzofuran	10.02	168	2083082	46.85	ng		97
55) 4-Nitrophenol	9.95	139	735716	90.51	ng		88
56) 2,4-Dinitrotoluene	10.01	165	551878	46.99	ng		99
57) Fluorene	10.36	166	1565413	45.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	396328	41.74	ng		99
59) Diethylphthalate	10.24	149	1744284	41.38	ng		100
60) 4-Chlorophenyl-phenylether	10.35	204	652331	41.47	ng		95
61) 4-Nitroaniline	10.38	138	395802	35.69	ng		99
62) Azobenzene	10.51	77	1920438	42.82	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	300797	45.10	ng		87
65) n-Nitrosodiphenylamine	10.48	169	1471614	46.87	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	486193	45.85	ng	#	90
67) Hexachlorobenzene	10.91	284	485927	43.73	ng	#	83
68) Atrazine	11.00	200	410386	43.25	ng		98
69) Pentachlorophenol	11.10	266	546504	91.15	ng		99
70) Phenanthrene	11.31	178	2171948	42.99	ng		99
71) Anthracene	11.37	178	2277828	42.56	ng		100
72) Carbazole	11.53	167	2214231	47.32	ng		98
73) Di-n-butylphthalate	11.86	149	2454848	40.92	ng		100
74) Fluoranthene	12.50	202	2214343	41.96	ng		97
76) Benzidine	12.63	184	471144	22.26	ng		97
77) Pyrene	12.73	202	2248590	42.35	ng		99
79) Butylbenzylphthalate	13.36	149	1142002	45.95	ng	#	84
80) Benzo(a)anthracene	13.92	228	1652982	39.31	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	360541	21.43	ng	#	96
82) Chrysene	13.95	228	1688940	38.74	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1306900	41.46	ng	#	98
84) Di-n-octyl phthalate	14.52	149	2420507	41.67	ng		99
85) Indeno(1,2,3-cd)pyrene	16.67	276	1533861	35.79	ng		100
87) Benzo(b)fluoranthene	14.93	252	1842612m	43.24	ng		
88) Benzo(k)fluoranthene	14.96	252	1360873m	45.51	ng		
89) Benzo(a)pyrene	15.27	252	1554496	42.50	ng		99
90) Dibenzo(a,h)anthracene	16.69	278	1243551	39.00	ng		97
91) Benzo(g,h,i)perylene	17.08	276	1268993	39.16	ng		97

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

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