Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091775.D
Acq On : 19 Dec 2016 11:50
Operator : UM/SJ
Sample : H6125-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49(22.5-24.5)-12-14-16MS

Quant Time: Dec 19 17:45:35 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	6.76	152	223680	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	896362	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	484497	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	738070	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	395866	20.00	ng		-0.01
86) Perylene-d12	15.31	264	438594	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1794046	134.38	ng		0.00
7) Phenol-d6	6.42	99	2319754	142.47	ng		0.00
23) Nitrobenzene-d5	7.33	82	1574243	101.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	491013	119.52	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	2214149	91.81	ng		-0.01
78) Terphenyl-d14	12.86	244	1744416	111.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	266677	40.56	ng		97
3) Pyridine	3.04	79	906731	42.81	ng		98
4) n-Nitrosodimethylamine	3.00	42	430582	52.53	ng		96
6) Aniline	6.43	93	440479	21.02	ng	#	4
8) 2-Chlorophenol	6.56	128	720476	49.03	ng		86
9) Benzaldehyde	6.30	77	118218	9.62	ng		95
10) Phenol	6.43	94	1110492	60.51	ng		79
11) bis(2-Chloroethyl)ether	6.50	93	716027	48.85	ng		97
12) 1,3-Dichlorobenzene	6.70	146	765765	47.45	ng		97
13) 1,4-Dichlorobenzene	6.77	146	730013	44.71	ng		98
14) 1,2-Dichlorobenzene	6.93	146	715152	50.00	ng		99
15) Benzyl Alcohol	6.91	79	581249	46.11	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	984267	43.94	ng		98
17) 2-Methylphenol	7.04	107	629959	51.30	ng		98
18) Hexachloroethane	7.28	117	280049	46.16	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	493611	45.57	ng		99
20) 3+4-Methylphenols	7.18	107	718596	52.46	ng		92
22) Acetophenone	7.17	105	1027305	47.47	ng		96
24) Nitrobenzene	7.34	77	712962	42.71	ng		99
25) Isophorone	7.60	82	1474136	49.71	ng		99
26) 2-Nitrophenol	7.66	139	387078	48.07	ng		99
27) 2,4-Dimethylphenol	7.71	122	650011	49.48	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	872841	50.30	ng		100
29) 2,4-Dichlorophenol	7.92	162	628480	51.88	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	628044	47.83	ng		100
31) Naphthalene	8.06	128	1948159	45.49	ng		100
32) Benzoic acid	7.80	122	75623	8.08	ng		98
33) 4-Chloroaniline	8.12	127	244303	13.54	ng		96
34) Hexachlorobutadiene	8.19	225	340568	46.14	ng		99
35) Caprolactam	8.50	113	191831m	49.21	ng		
36) 4-Chloro-3-methylphenol	8.62	107	707429	52.93	ng		87
37) 2-Methylnaphthalene	8.76	142	1323768	49.03	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	568568	47.08	ng		99
40) Hexachlorocyclopentadiene	8.92	237	402751	78.69	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	451209	52.29	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	413262	48.75	ng	#	91
45) 1,1'-Biphenyl	9.23	154	1692053	48.73	ng		99
46) 2-Chloronaphthalene	9.25	162	1266621	48.81	ng		99
47) 2-Nitroaniline	9.34	65	380223	42.91	ng		100
48) Acenaphthylene	9.66	152	1900550	47.27	ng		99
49) Dimethylphthalate	9.54	163	2027541	64.07	ng		99
50) 2,6-Dinitrotoluene	9.60	165	358437	51.66	ng		97
51) Acenaphthene	9.84	154	1227951	44.49	ng		100
52) 3-Nitroaniline	9.76	138	187457	21.70	ng		98
53) 2,4-Dinitrophenol	9.87	184	111122	29.64	ng		97
54) Dibenzofuran	10.01	168	1647961	50.22	ng		100
55) 4-Nitrophenol	9.94	139	483558	80.60	ng		99
56) 2,4-Dinitrotoluene	10.00	165	407329	46.99	ng		91
57) Fluorene	10.35	166	1309259	51.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	341759	48.76	ng	#	98
59) Diethylphthalate	10.24	149	1473136	47.35	ng		95
60) 4-Chlorophenyl-phenylether	10.34	204	523038	45.05	ng		100
61) 4-Nitroaniline	10.37	138	314197	38.39	ng		99
62) Azobenzene	10.50	77	1532880	46.31	ng		99
64) 4,6-Dinitro-2-methylphenol	10.41	198	161704	33.22	ng		91
65) n-Nitrosodiphenylamine	10.46	169	1189360	51.89	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	385832	49.85	ng		95
67) Hexachlorobenzene	10.90	284	412957	50.92	ng	#	92
68) Atrazine	10.99	200	338276	48.84	ng		97
69) Pentachlorophenol	11.09	266	409650	93.61	ng		97
70) Phenanthrene	11.31	178	1920543	52.08	ng		99
71) Anthracene	11.36	178	1678547	42.97	ng		100
72) Carbazole	11.52	167	1754149	51.35	ng		99
73) Di-n-butylphthalate	11.85	149	1855038	42.36	ng		99
74) Fluoranthene	12.49	202	1526966	39.64	ng		99
76) Benzidine	12.61	184	296395	26.01	ng		96
77) Pyrene	12.72	202	1658717	58.02	ng		99
79) Butylbenzylphthalate	13.35	149	729020	54.48	ng	#	76
80) Benzo(a)anthracene	13.91	228	1114709	49.23	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	291545	32.18	ng	#	93
82) Chrysene	13.94	228	1158443	49.36	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	869768	51.25	ng	#	97
84) Di-n-octyl phthalate	14.51	149	1441430	46.09	ng		99
85) Indeno(1,2,3-cd)pyrene	16.66	276	1390711	60.26	ng		99
87) Benzo(b)fluoranthene	14.91	252	1389181m	49.95	ng		
88) Benzo(k)fluoranthene	14.95	252	817426m	41.89	ng		
89) Benzo(a)pyrene	15.25	252	1096555	45.94	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	1129787	54.30	ng		100
91) Benzo(g,h,i)perylene	17.06	276	1216718	57.54	ng	#	95

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

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