Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091743.D
Acq On : 18 Dec 2016 18:24
Operator : UM/SJ
Sample : H6057-04MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP20-COMP6MS

Quant Time: Dec 19 16:36:54 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	311497	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1269227	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	716769	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1105768	20.00	ng		0.00
75) Chrysene-d12	13.93	240	826643	20.00	ng		0.00
86) Perylene-d12	15.32	264	665667	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	2747540	147.78	ng		0.03
7) Phenol-d6	6.43	99	2929568	129.20	ng		0.01
23) Nitrobenzene-d5	7.34	82	2108492	95.80	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	709408	116.72	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3319854	93.05	ng		0.00
78) Terphenyl-d14	12.88	244	2818235	86.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	368528	40.25	ng	#	84
3) Pyridine	3.20	79	952161m	32.28	ng		
4) n-Nitrosodimethylamine	3.13	42	501927	43.97	ng		96
6) Aniline	6.44	93	218603	7.49	ng	#	1
8) 2-Chlorophenol	6.57	128	870483	42.53	ng		88
10) Phenol	6.44	94	1007638	39.43	ng	#	67
11) bis(2-Chloroethyl)ether	6.51	93	971021	47.57	ng		97
12) 1,3-Dichlorobenzene	6.72	146	872400	38.82	ng		99
13) 1,4-Dichlorobenzene	6.78	146	844307	37.13	ng		99
14) 1,2-Dichlorobenzene	6.94	146	830999	41.72	ng		98
15) Benzyl Alcohol	6.92	79	710528	40.47	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1292707	41.44	ng		95
17) 2-Methylphenol	7.05	107	784756	45.89	ng		93
18) Hexachloroethane	7.29	117	335745	39.74	ng		89
19) n-Nitroso-di-n-propylamine	7.20	70	680408	45.11	ng		98
20) 3+4-Methylphenols	7.20	107	936081	49.07	ng		95
22) Acetophenone	7.18	105	1318128	43.01	ng	#	97
24) Nitrobenzene	7.36	77	936325	39.62	ng		98
25) Isophorone	7.61	82	1990770	47.41	ng		99
26) 2-Nitrophenol	7.68	139	540833	47.44	ng		95
27) 2,4-Dimethylphenol	7.72	122	871734	46.87	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	1207432	49.14	ng		99
29) 2,4-Dichlorophenol	7.92	162	784381	45.73	ng		88
30) 1,2,4-Trichlorobenzene	8.00	180	776616	41.77	ng	#	94
31) Naphthalene	8.08	128	2493652	41.12	ng		100
32) Benzoic acid	7.87	122	615003	46.40	ng		97
33) 4-Chloroaniline	8.13	127	127019	4.97	ng		97
34) Hexachlorobutadiene	8.20	225	442533	42.34	ng		99
35) Caprolactam	8.52	113	254055m	46.03	ng		
36) 4-Chloro-3-methylphenol	8.62	107	945036	49.94	ng		100
37) 2-Methylnaphthalene	8.77	142	1846262	48.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	710560	39.77	ng		99
40) Hexachlorocyclopentadiene	8.92	237	650995	85.97	ng		97
42) 2,4,6-Trichlorophenol	9.06	196	567181	44.43	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	541891	43.21	ng		97
45) 1,1'-Biphenyl	9.23	154	2175674	42.35	ng		96
46) 2-Chloronaphthalene	9.25	162	1614554	42.05	ng		94
47) 2-Nitroaniline	9.36	65	515316	39.31	ng		99
48) Acenaphthylene	9.68	152	2623834	44.11	ng		100
49) Dimethylphthalate	9.55	163	2151133	45.95	ng		100
50) 2,6-Dinitrotoluene	9.61	165	512388	49.91	ng		92
51) Acenaphthene	9.85	154	1800254	44.09	ng		99
52) 3-Nitroaniline	9.77	138	81524	6.38	ng		87
53) 2,4-Dinitrophenol	9.88	184	540224	97.41	ng	#	74
54) Dibenzofuran	10.02	168	2284510	47.06	ng		99
55) 4-Nitrophenol	9.95	139	652109	73.47	ng		98
56) 2,4-Dinitrotoluene	10.01	165	569905	44.44	ng		90
57) Fluorene	10.36	166	1807252	47.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	460172	44.38	ng		96
59) Diethylphthalate	10.25	149	2079683	45.19	ng		95
60) 4-Chlorophenyl-phenylether	10.35	204	712588	41.49	ng		97
61) 4-Nitroaniline	10.38	138	352908	29.14	ng		99
62) Azobenzene	10.51	77	2147302	43.85	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	362775	49.74	ng		98
65) n-Nitrosodiphenylamine	10.48	169	1392145	40.54	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	552383	47.64	ng		91
67) Hexachlorobenzene	10.91	284	581119	47.83	ng	#	87
68) Atrazine	11.00	200	269544	25.98	ng		98
69) Pentachlorophenol	11.10	266	607830	92.71	ng		98
70) Phenanthrene	11.32	178	2690315	48.69	ng		99
71) Anthracene	11.37	178	2457402	41.99	ng		99
72) Carbazole	11.53	167	2060770	40.27	ng		98
73) Di-n-butylphthalate	11.86	149	2734756	41.68	ng		100
74) Fluoranthene	12.50	202	2329429	40.37	ng		99
77) Pyrene	12.73	202	2485070	41.63	ng		99
79) Butylbenzylphthalate	13.36	149	1333234	47.72	ng		91
80) Benzo(a)anthracene	13.92	228	1851666	39.16	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	110074	5.82	ng	#	95
82) Chrysene	13.95	228	1857522	37.90	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1466226	41.37	ng	#	98
84) Di-n-octyl phthalate	14.52	149	2911347	44.58	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1767442	36.68	ng		100
87) Benzo(b)fluoranthene	14.93	252	2017891	47.81	ng		98
88) Benzo(k)fluoranthene	14.97	252	1796817m	60.67	ng		
89) Benzo(a)pyrene	15.28	252	1794096	49.52	ng	#	95
90) Dibenzo(a,h)anthracene	16.69	278	1441980	45.66	ng		99
91) Benzo(g,h,i)perylene	17.08	276	1448192	45.12	ng	#	95

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

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