Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091381.D
Acq On : 1 Dec 2016 19:07
Operator : UM/SJ
Sample : H5801-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916MS

Manual Integrations APPROVED
sohil
12/2/2016 4:20:34 PM

Quant Time: Dec 02 00:49:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	187360	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	774082	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	433180	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	723350	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	480666	20.00	ng		-0.02
86) Perylene-d12	15.45	264	430660	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	828778	72.26	ng		0.00
7) Phenol-d6	6.49	99	688669	48.78	ng		0.00
23) Nitrobenzene-d5	7.43	82	1228784	88.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	616720	150.38	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2241570	93.69	ng		-0.02
78) Terphenyl-d14	12.97	244	2082170	94.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	91398	17.62	ng		86
3) Pyridine	3.24	79	223316	15.21	ng	#	85
4) n-Nitrosodimethylamine	3.17	42	158587	20.58	ng		99
6) Aniline	6.52	93	465533	24.82	ng	#	72
8) 2-Chlorophenol	6.64	128	461158	36.67	ng	#	74
9) Benzaldehyde	6.40	77	273987	30.18	ng		88
10) Phenol	6.50	94	298700	17.98	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	512025	43.14	ng		95
12) 1,3-Dichlorobenzene	6.80	146	577669	41.30	ng		97
13) 1,4-Dichlorobenzene	6.88	146	632560	45.46	ng		100
14) 1,2-Dichlorobenzene	7.03	146	515917	39.81	ng		99
15) Benzyl Alcohol	7.01	79	381595	33.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1093372	42.84	ng		76
17) 2-Methylphenol	7.12	107	352321	35.45	ng	#	76
18) Hexachloroethane	7.37	117	333626	67.53	ng	#	84
19) n-Nitroso-di-n-propylamine	7.28	70	420632	47.29	ng	#	98
20) 3+4-Methylphenols	7.27	107	352448	29.05	ng	#	40
22) Acetophenone	7.27	105	918924	50.09	ng	#	83
24) Nitrobenzene	7.45	77	700091	49.51	ng	#	76
25) Isophorone	7.69	82	1212255	49.54	ng		98
26) 2-Nitrophenol	7.76	139	280583	43.54	ng		99
27) 2,4-Dimethylphenol	7.81	122	536120	44.47	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	682706	46.35	ng		99
29) 2,4-Dichlorophenol	8.00	162	457616	43.15	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	549440	46.21	ng		97
31) Naphthalene	8.17	128	1831013	49.77	ng		99
32) Benzoic acid	7.89	122	129769	14.60	ng	#	66
33) 4-Chloroaniline	8.22	127	387961	24.67	ng		98
34) Hexachlorobutadiene	8.29	225	298753	40.86	ng		96
35) Caprolactam	8.60	113	25335	8.31	ng	#	81
36) 4-Chloro-3-methylphenol	8.70	107	513934	44.88	ng		88
37) 2-Methylnaphthalene	8.86	142	1139964	45.61	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	554282	45.39	ng		99
40) Hexachlorocyclopentadiene	9.02	237	515569	91.08	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	380259	47.91	ng		95
43) 2,4,5-Trichlorophenol	9.18	196	365697	45.98	ng		94
45) 1,1'-Biphenyl	9.33	154	1353842	43.46	ng		97
46) 2-Chloronaphthalene	9.35	162	985044	42.46	ng		97
47) 2-Nitroaniline	9.44	65	349926	42.00	ng	#	76
48) Acenaphthylene	9.76	152	1634058	44.75	ng		99
49) Dimethylphthalate	9.64	163	1276913	48.68	ng		98
50) 2,6-Dinitrotoluene	9.69	165	320349	54.64	ng	#	74
51) Acenaphthene	9.94	154	1173241	47.63	ng		94
52) 3-Nitroaniline	9.85	138	152494	22.47	ng		99
53) 2,4-Dinitrophenol	9.96	184	212383	82.84	ng	#	73
54) Dibenzofuran	10.12	168	1532664	46.47	ng	#	88
55) 4-Nitrophenol	10.01	139	193823	39.55	ng		89
56) 2,4-Dinitrotoluene	10.09	165	413606	54.39	ng	#	79
57) Fluorene	10.45	166	1113214	43.97	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	337152	49.64	ng		95
59) Diethylphthalate	10.33	149	1257762	48.58	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	576976	45.44	ng		94
61) 4-Nitroaniline	10.47	138	243847	38.27	ng		90
62) Azobenzene	10.61	77	1425193	53.95	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	173615	43.57	ng		92
65) n-Nitrosodiphenylamine	10.56	169	983397	44.84	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	394088	50.69	ng	#	77
67) Hexachlorobenzene	11.00	284	358361	42.66	ng	#	77
68) Atrazine	11.10	200	350852	49.40	ng		92
69) Pentachlorophenol	11.19	266	419048	84.72	ng		97
70) Phenanthrene	11.41	178	1587836	42.24	ng		99
71) Anthracene	11.46	178	1851637	49.64	ng		100
72) Carbazole	11.61	167	1382231	40.83	ng		99
73) Di-n-butylphthalate	11.96	149	1996642	52.05	ng		100
74) Fluoranthene	12.60	202	1731493	48.63	ng		99
76) Benzidine	12.71	184	357118	25.31	ng		97
77) Pyrene	12.82	202	1751155	48.01	ng		99
79) Butylbenzylphthalate	13.45	149	748995	54.83	ng	#	78
80) Benzo(a)anthracene	14.01	228	1292711	45.99	ng		98
81) 3,3'-Dichlorobenzidine	13.98	252	340512	34.39	ng	#	98
82) Chrysene	14.05	228	1256924	45.19	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1002969	57.93	ng	#	93
84) Di-n-octyl phthalate	14.62	149	1478060	56.42	ng		98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1275994	50.09	ng		95
87) Benzo(b)fluoranthene	15.04	252	1220619	45.60	ng	#	96
88) Benzo(k)fluoranthene	15.07	252	1076059m	47.80	ng		
89) Benzo(a)pyrene	15.40	252	1096244	45.60	ng	#	94
90) Dibenzo(a,h)anthracene	16.88	278	1033467	46.48	ng	#	93
91) Benzo(g,h,i)perylene	17.28	276	1076581	46.96	ng		99

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

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