Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090142.D
Acq On : 20 Sep 2016 19:04
Operator : UM/SJ
Sample : H4854-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1MS

Manual Integrations APPROVED
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9/21/2016 4:16:49 PM

Quant Time: Sep 21 09:21:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	165693	20.00	ng		0.00
21) Naphthalene-d8	7.80	136	652719	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	363159	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	550833	20.00	ng		0.00
75) Chrysene-d12	13.63	240	372766	20.00	ng		0.00
86) Perylene-d12	14.96	264	320361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	1265619	124.50	ng		0.02
7) Phenol-d6	6.18	99	1586727	126.39	ng		0.01
23) Nitrobenzene-d5	7.10	82	1025546	91.08	ng		0.00
41) 2,4,6-Tribromophenol	10.34	330	340865	109.41	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	1575010	85.14	ng		0.00
78) Terphenyl-d14	12.61	244	1259067	85.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	192104	34.83	ng		97
3) Pyridine	2.59	79	461115	38.55	ng		97
4) n-Nitrosodimethylamine	2.55	42	178027	49.87	ng		95
6) Aniline	6.18	93	498070	31.83	ng	#	89
8) 2-Chlorophenol	6.31	128	519984	44.46	ng		87
9) Benzaldehyde	6.06	77	56123	10.26	ng		99
10) Phenol	6.19	94	641581	43.23	ng	#	72
11) bis(2-Chloroethyl)ether	6.27	93	543078	46.93	ng		91
12) 1,3-Dichlorobenzene	6.46	146	509649	41.71	ng		99
13) 1,4-Dichlorobenzene	6.54	146	539574	43.25	ng		99
14) 1,2-Dichlorobenzene	6.70	146	458191	41.23	ng		99
15) Benzyl Alcohol	6.68	79	381714	50.99	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.82	45	607242	43.91	ng		97
17) 2-Methylphenol	6.81	107	450767	48.93	ng		96
18) Hexachloroethane	7.03	117	197617	44.41	ng		98
19) n-Nitroso-di-n-propylamine	6.96	70	354694	48.10	ng		100
20) 3+4-Methylphenols	6.96	107	539377	48.76	ng		93
22) Acetophenone	6.95	105	677998	43.07	ng		99
24) Nitrobenzene	7.11	77	535702	45.66	ng		99
25) Isophorone	7.36	82	1049487	44.61	ng		99
26) 2-Nitrophenol	7.43	139	266192	46.08	ng		96
27) 2,4-Dimethylphenol	7.48	122	471057	45.89	ng		99
28) bis(2-Chloroethoxy)methane	7.58	93	661113	46.46	ng		99
29) 2,4-Dichlorophenol	7.68	162	440040	48.88	ng		94
30) 1,2,4-Trichlorobenzene	7.76	180	420463	46.76	ng		96
31) Naphthalene	7.83	128	1426350	45.89	ng		100
32) Benzoic acid	7.59	122	52240	7.41	ng		95
33) 4-Chloroaniline	7.88	127	304935	23.65	ng		99
34) Hexachlorobutadiene	7.95	225	214704	45.26	ng		99
35) Caprolactam	8.27	113	147765m	49.59	ng		
36) 4-Chloro-3-methylphenol	8.39	107	477992	46.98	ng		97
37) 2-Methylnaphthalene	8.52	142	974831	50.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	303321	36.39	ng		98
40) Hexachlorocyclopentadiene	8.68	237	356229	86.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	290560	48.92	ng		98
43) 2,4,5-Trichlorophenol	8.86	196	282103	45.86	ng	#	95
45) 1,1'-Biphenyl	8.99	154	1022366	39.35	ng		95
46) 2-Chloronaphthalene	9.00	162	798848	41.68	ng		98
47) 2-Nitroaniline	9.11	65	262175	45.37	ng		83
48) Acenaphthylene	9.42	152	1273070	40.90	ng		100
49) Dimethylphthalate	9.30	163	1526540	66.00	ng		98
50) 2,6-Dinitrotoluene	9.36	165	231206	44.85	ng		88
51) Acenaphthene	9.59	154	823761	44.58	ng		99
52) 3-Nitroaniline	9.52	138	193496	32.01	ng		95
53) 2,4-Dinitrophenol	9.63	184	94759	34.72	ng	#	87
54) Dibenzofuran	9.76	168	1068910	43.96	ng		94
55) 4-Nitrophenol	9.70	139	353617	85.40	ng		86
56) 2,4-Dinitrotoluene	9.76	165	275956	45.27	ng		94
57) Fluorene	10.10	166	855541	46.69	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.88	232	221185	48.03	ng		98
59) Diethylphthalate	10.00	149	965229	43.21	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	347593	41.60	ng		88
61) 4-Nitroaniline	10.14	138	276589	44.90	ng		91
62) Azobenzene	10.26	77	1169654	50.30	ng		90
64) 4,6-Dinitro-2-methylphenol	10.16	198	99875	28.95	ng	#	63
65) n-Nitrosodiphenylamine	10.23	169	836707	46.19	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	242102	44.67	ng	#	84
67) Hexachlorobenzene	10.64	284	260912	41.30	ng	#	85
68) Atrazine	10.75	200	225725	45.48	ng		97
69) Pentachlorophenol	10.84	266	251796	70.22	ng		99
70) Phenanthrene	11.05	178	1300184	50.47	ng		99
71) Anthracene	11.10	178	1213553	44.92	ng		99
72) Carbazole	11.26	167	1236201	43.28	ng		98
73) Di-n-butylphthalate	11.61	149	1569303	47.25	ng		99
74) Fluoranthene	12.22	202	1274001	46.07	ng		97
76) Benzidine	12.35	184	624344	50.04	ng		98
77) Pyrene	12.45	202	1165268	45.68	ng		99
79) Butylbenzylphthalate	13.09	149	615109	49.30	ng	#	79
80) Benzo(a)anthracene	13.62	228	972779	48.51	ng		100
81) 3,3'-Dichlorobenzidine	13.60	252	191878	23.20	ng		99
82) Chrysene	13.67	228	786966	40.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	774883	48.53	ng	#	99
84) Di-n-octyl phthalate	14.26	149	1347792	49.00	ng		99
85) Indeno(1,2,3-cd)pyrene	16.13	276	896745	56.77	ng		99
87) Benzo(b)fluoranthene	14.62	252	915849m	51.63	ng		
88) Benzo(k)fluoranthene	14.64	252	662656m	39.80	ng		
89) Benzo(a)pyrene	14.90	252	751656	45.04	ng	#	92
90) Dibenzo(a,h)anthracene	16.15	278	738221	56.69	ng		99
91) Benzo(g,h,i)perylene	16.48	276	724331	56.83	ng		97

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

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