Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089154.D
Acq On : 21 Jul 2016 2:22
Operator : UM/SJ
Sample : H4112-07MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-05-12.0-14.0MSD

Quant Time: Jul 21 03:36:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	54487	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	207012	20.00	ng		0.01
38) Acenaphthene-d10	9.64	164	102779	20.00	ng		0.01
63) Phenanthrene-d10	11.11	188	197948	20.00	ng		0.00
75) Chrysene-d12	13.73	240	145202	20.00	ng		0.00
86) Perylene-d12	15.07	264	117067	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	427004	119.19	ng		0.01
7) Phenol-d6	6.27	99	565084	122.31	ng		0.00
23) Nitrobenzene-d5	7.18	82	323813	83.11	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	125482	135.60	ng		0.01
44) 2-Fluorobiphenyl	8.97	172	560679	75.16	ng		0.00
78) Terphenyl-d14	12.68	244	529266	79.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	50843	32.68	ng		87
3) Pyridine	2.74	79	132360	33.49	ng		99
4) n-Nitrosodimethylamine	2.72	42	65187	39.19	ng		99
6) Aniline	6.27	93	137231	21.98	ng	#	52
8) 2-Chlorophenol	6.40	128	162950	40.99	ng		95
9) Benzaldehyde	6.15	77	49778	17.81	ng	#	26
10) Phenol	6.28	94	226847	42.62	ng		95
11) bis(2-Chloroethyl)ether	6.35	93	171965	43.02	ng		96
12) 1,3-Dichlorobenzene	6.55	146	153347m	34.93	ng		
13) 1,4-Dichlorobenzene	6.62	146	161890	36.62	ng		100
14) 1,2-Dichlorobenzene	6.78	146	157191	37.71	ng		97
15) Benzyl Alcohol	6.76	79	145912	43.13	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	168777	37.06	ng	#	61
17) 2-Methylphenol	6.89	107	132467	42.30	ng		97
18) Hexachloroethane	7.11	117	85405	51.39	ng	#	16
19) n-Nitroso-di-n-propylamine	7.04	70	125863	41.65	ng		96
20) 3+4-Methylphenols	7.05	107	178293	41.94	ng		96
22) Acetophenone	7.03	105	245140	44.35	ng	#	97
24) Nitrobenzene	7.20	77	199234	48.49	ng		94
25) Isophorone	7.44	82	340094	47.36	ng	#	95
26) 2-Nitrophenol	7.52	139	83450	43.54	ng	#	82
27) 2,4-Dimethylphenol	7.56	122	148860	46.10	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	201424	44.85	ng	#	90
29) 2,4-Dichlorophenol	7.76	162	128419	44.13	ng		94
30) 1,2,4-Trichlorobenzene	7.84	180	133044	41.30	ng		98
31) Naphthalene	7.92	128	493523	44.17	ng		98
32) Benzoic acid	7.68	122	14417	5.81	ng	#	1
33) 4-Chloroaniline	7.98	127	72575	15.45	ng	#	88
34) Hexachlorobutadiene	8.03	225	66460	37.07	ng		98
35) Caprolactam	8.34	113	79970	88.49	ng	#	53
36) 4-Chloro-3-methylphenol	8.48	107	156249	44.57	ng		99
37) 2-Methylnaphthalene	8.60	142	353801	49.65	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	122809	32.15	ng		96
40) Hexachlorocyclopentadiene	8.76	237	81748	65.62	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	81843	38.28	ng		97
43) 2,4,5-Trichlorophenol	8.95	196	82832	38.59	ng	#	79
45) 1,1'-Biphenyl	9.07	154	355744	38.43	ng		97
46) 2-Chloronaphthalene	9.10	162	274408	39.01	ng		97
47) 2-Nitroaniline	9.20	65	99336	41.17	ng	#	85
48) Acenaphthylene	9.51	152	444767	40.22	ng		97
49) Dimethylphthalate	9.38	163	474524	60.17	ng		98
50) 2,6-Dinitrotoluene	9.45	165	67291	37.79	ng		87
51) Acenaphthene	9.68	154	276735	42.31	ng		99
52) 3-Nitroaniline	9.61	138	60543	28.63	ng	#	94
53) 2,4-Dinitrophenol	9.72	184	19901	28.11	ng		92
54) Dibenzofuran	9.85	168	407777	46.13	ng	#	95
55) 4-Nitrophenol	9.79	139	95609	74.73	ng	#	81
56) 2,4-Dinitrotoluene	9.85	165	110526	48.19	ng	#	79
57) Fluorene	10.18	166	314576	41.93	ng	#	98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	71743	46.54	ng	#	98
59) Diethylphthalate	10.08	149	348222	44.53	ng		98
60) 4-Chlorophenyl-phenylether	10.18	204	137255	40.07	ng	#	78
61) 4-Nitroaniline	10.22	138	67428	32.77	ng		91
62) Azobenzene	10.34	77	385576	45.36	ng		87
64) 4,6-Dinitro-2-methylphenol	10.25	198	38525	33.43	ng	#	30
65) n-Nitrosodiphenylamine	10.31	169	329834	49.86	ng		96
66) 4-Bromophenyl-phenylether	10.66	248	78379	40.01	ng	#	86
67) Hexachlorobenzene	10.73	284	77690	36.87	ng	#	61
68) Atrazine	10.83	200	83271	40.25	ng		98
69) Pentachlorophenol	10.92	266	85283	87.74	ng		98
70) Phenanthrene	11.14	178	495882	45.67	ng		100
71) Anthracene	11.19	178	505333	44.77	ng		99
72) Carbazole	11.35	167	435069	43.88	ng		98
73) Di-n-butylphthalate	11.68	149	506101	41.27	ng		99
74) Fluoranthene	12.31	202	441965	38.72	ng		100
76) Benzidine	12.44	184	229925	46.06	ng		98
77) Pyrene	12.54	202	503655	42.00	ng		99
79) Butylbenzylphthalate	13.16	149	229670	45.28	ng		95
80) Benzo(a)anthracene	13.71	228	368015	39.79	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	73036	23.81	ng	#	96
82) Chrysene	13.75	228	331572	37.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	287433	42.72	ng		98
84) Di-n-octyl phthalate	14.33	149	458956	41.34	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	276510	43.10	ng		100
87) Benzo(b)fluoranthene	14.71	252	294240m	34.70	ng		
88) Benzo(k)fluoranthene	14.74	252	293919m	48.48	ng		
89) Benzo(a)pyrene	15.02	252	270395	41.08	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	230316	44.31	ng	#	94
91) Benzo(g,h,i)perylene	16.66	276	229095	43.72	ng		97

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

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