Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089157.D
Acq On : 21 Jul 2016 3:51
Operator : UM/SJ
Sample : H4019-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-SGS-33MS

Quant Time: Jul 21 07:34:54 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	54634	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	226526	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	110595	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	210881	20.00	ng		0.00
75) Chrysene-d12	13.73	240	141468	20.00	ng		0.00
86) Perylene-d12	15.07	264	113239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	473253	131.74	ng		0.01
7) Phenol-d6	6.27	99	632820	136.61	ng		0.00
23) Nitrobenzene-d5	7.18	82	400940	94.04	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	126504	127.05	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	774269	96.46	ng		0.00
78) Terphenyl-d14	12.69	244	589333	90.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	57596	36.93	ng		96
3) Pyridine	2.74	79	141902	35.81	ng		100
4) n-Nitrosodimethylamine	2.72	42	71630	42.94	ng		99
6) Aniline	6.27	93	205809	32.88	ng	#	83
8) 2-Chlorophenol	6.40	128	180594	45.30	ng		99
9) Benzaldehyde	6.15	77	49480	17.64	ng		98
10) Phenol	6.28	94	251759	47.17	ng		94
11) bis(2-Chloroethyl)ether	6.35	93	186787	46.60	ng		97
12) 1,3-Dichlorobenzene	6.54	146	180732	41.06	ng		99
13) 1,4-Dichlorobenzene	6.62	146	191041	43.09	ng		99
14) 1,2-Dichlorobenzene	6.78	146	178015	42.59	ng		98
15) Benzyl Alcohol	6.76	79	170652	50.30	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	196142	42.95	ng		98
17) 2-Methylphenol	6.89	107	150658	47.98	ng		99
18) Hexachloroethane	7.11	117	71475	42.89	ng		94
19) n-Nitroso-di-n-propylamine	7.04	70	139898	46.17	ng		97
20) 3+4-Methylphenols	7.05	107	199037	46.69	ng		98
22) Acetophenone	7.03	105	270350	44.69	ng		100
24) Nitrobenzene	7.20	77	208277	46.32	ng		98
25) Isophorone	7.44	82	364207	46.35	ng		99
26) 2-Nitrophenol	7.51	139	96058	45.81	ng		95
27) 2,4-Dimethylphenol	7.56	122	153683	43.49	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	232930	47.39	ng		99
29) 2,4-Dichlorophenol	7.76	162	152199	47.80	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	155401	44.09	ng		96
31) Naphthalene	7.91	128	525359	42.97	ng		99
32) Benzoic acid	7.69	122	33840	12.45	ng		94
33) 4-Chloroaniline	7.96	127	146981	28.59	ng	#	90
34) Hexachlorobutadiene	8.03	225	84652	43.15	ng		99
35) Caprolactam	8.35	113	42711m	43.19	ng		
36) 4-Chloro-3-methylphenol	8.47	107	171294	44.65	ng		100
37) 2-Methylnaphthalene	8.60	142	347736	44.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	143425	34.89	ng		99
40) Hexachlorocyclopentadiene	8.75	237	111623	80.99	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	101943	44.31	ng		99
43) 2,4,5-Trichlorophenol	8.94	196	108499	46.98	ng	#	93
45) 1,1'-Biphenyl	9.06	154	395173	39.68	ng		100
46) 2-Chloronaphthalene	9.08	162	317461	41.95	ng		100
47) 2-Nitroaniline	9.19	65	105751	40.73	ng		98
48) Acenaphthylene	9.50	152	509426	42.81	ng		100
49) Dimethylphthalate	9.38	163	518889	61.14	ng		98
50) 2,6-Dinitrotoluene	9.44	165	88818	46.36	ng	#	82
51) Acenaphthene	9.67	154	306080	43.48	ng		99
52) 3-Nitroaniline	9.61	138	73869	32.46	ng		99
53) 2,4-Dinitrophenol	9.71	184	50573	54.77	ng	#	83
54) Dibenzofuran	9.84	168	440195	46.28	ng		98
55) 4-Nitrophenol	9.79	139	109901	79.83	ng	#	85
56) 2,4-Dinitrotoluene	9.84	165	108257	43.86	ng	#	83
57) Fluorene	10.18	166	381932	47.31	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	83325	50.24	ng		98
59) Diethylphthalate	10.08	149	395665	47.02	ng		95
60) 4-Chlorophenyl-phenylether	10.18	204	159382	43.24	ng		98
61) 4-Nitroaniline	10.23	138	97050	43.84	ng		93
62) Azobenzene	10.33	77	428721	46.88	ng		99
64) 4,6-Dinitro-2-methylphenol	10.25	198	52262	42.57	ng		77
65) n-Nitrosodiphenylamine	10.30	169	320374	45.46	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	98376	47.14	ng		96
67) Hexachlorobenzene	10.72	284	94068	41.91	ng	#	53
68) Atrazine	10.83	200	94316	42.79	ng		98
69) Pentachlorophenol	10.92	266	95076	91.82	ng		99
70) Phenanthrene	11.13	178	507827	43.90	ng		100
71) Anthracene	11.19	178	589064	48.99	ng		99
72) Carbazole	11.35	167	526806	49.88	ng		100
73) Di-n-butylphthalate	11.68	149	565032	43.25	ng		100
74) Fluoranthene	12.31	202	525812	43.24	ng		99
76) Benzidine	12.45	184	236673	48.66	ng		97
77) Pyrene	12.54	202	569051	48.71	ng		100
79) Butylbenzylphthalate	13.17	149	258152	52.23	ng		96
80) Benzo(a)anthracene	13.71	228	408919	45.38	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	105668	35.36	ng	#	97
82) Chrysene	13.76	228	392695	45.63	ng		100
83) Bis(2-ethylhexyl)phthalate	13.73	149	382057	58.28	ng		99
84) Di-n-octyl phthalate	14.33	149	495183	45.78	ng		100
85) Indeno(1,2,3-cd)pyrene	16.30	276	315921	50.54	ng		99
87) Benzo(b)fluoranthene	14.71	252	323501m	39.44	ng		
88) Benzo(k)fluoranthene	14.74	252	331626m	56.54	ng		
89) Benzo(a)pyrene	15.02	252	306293	48.11	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	259531	51.62	ng	#	94
91) Benzo(g,h,i)perylene	16.66	276	264705	52.22	ng		96

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

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