Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089055.D
Acq On : 16 Jul 2016 15:09
Operator : UM/SJ
Sample : H3951-22MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB05(0-2ft)MSD

Quant Time: Jul 18 01:54:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

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7/18/2016 7:38:02 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	55711	20.00	ng		-0.05
21) Naphthalene-d8	7.95	136	232345	20.00	ng		-0.05
38) Acenaphthene-d10	9.70	164	92441	20.00	ng		-0.05
63) Phenanthrene-d10	11.19	188	147573	20.00	ng		-0.03
75) Chrysene-d12	13.82	240	106034	20.00	ng		-0.03
86) Perylene-d12	15.19	264	86545	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	448531	120.66	ng		-0.02
7) Phenol-d6	6.33	99	575514	119.82	ng		-0.02
23) Nitrobenzene-d5	7.23	82	390708	88.12	ng		-0.05
41) 2,4,6-Tribromophenol	10.50	330	92478	107.73	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	711136	121.51	ng		-0.03
78) Terphenyl-d14	12.76	244	376496	79.09	ng		-0.03
Target Compounds							Qvalue
3) Pyridine	2.82	79	155819	29.14	ng		96
4) n-Nitrosodimethylamine	2.79	42	82046	40.16	ng		97
6) Aniline	6.33	93	57366	8.20	ng	#	1
8) 2-Chlorophenol	6.46	128	183417	45.91	ng		98
9) Benzaldehyde	6.20	77	86987	26.74	ng		89
10) Phenol	6.34	94	200964	36.66	ng		78
11) bis(2-Chloroethyl)ether	6.41	93	253504	62.01	ng		87
12) 1,3-Dichlorobenzene	6.60	146	187907	42.74	ng		98
13) 1,4-Dichlorobenzene	6.68	146	203967	46.74	ng		97
14) 1,2-Dichlorobenzene	6.83	146	158066	38.70	ng	#	86
15) Benzyl Alcohol	6.82	79	166176	47.01	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.96	45	202602	34.22	ng		71
17) 2-Methylphenol	6.95	107	149245	45.79	ng	#	90
18) Hexachloroethane	7.18	117	63355	37.53	ng	#	88
19) n-Nitroso-di-n-propylamine	7.10	70	131900	40.88	ng		93
20) 3+4-Methylphenols	7.11	107	200203	51.18	ng	#	74
22) Acetophenone	7.08	105	261751	46.42	ng	#	94
24) Nitrobenzene	7.26	77	203811	45.59	ng	#	83
25) Isophorone	7.50	82	338719	41.24	ng		95
26) 2-Nitrophenol	7.58	139	58888	32.12	ng	#	81
27) 2,4-Dimethylphenol	7.62	122	138653	36.32	ng	#	85
28) bis(2-Chloroethoxy)methane	7.71	93	220496	41.26	ng	#	95
29) 2,4-Dichlorophenol	7.83	162	138282	44.81	ng		90
30) 1,2,4-Trichlorobenzene	7.90	180	147229	43.48	ng		98
31) Naphthalene	7.98	128	564825	49.31	ng		99
32) Benzoic acid	7.70	122	5880	2.12	ng		89
33) 4-Chloroaniline	8.06	127	130578	25.62	ng		98
34) Hexachlorobutadiene	8.10	225	81544	44.97	ng		98
35) Caprolactam	8.41	113	38014m	36.27	ng		
36) 4-Chloro-3-methylphenol	8.52	107	144736	39.67	ng		90
37) 2-Methylnaphthalene	8.66	142	305951	41.48	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	146043	47.50	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	17786	11.79	ng		99
42) 2,4,6-Trichlorophenol	8.95	196	86680	42.76	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	85686	49.13	ng		99
45) 1,1'-Biphenyl	9.13	154	350805	45.83	ng		99
46) 2-Chloronaphthalene	9.15	162	289330	48.15	ng		97
47) 2-Nitroaniline	9.26	65	100476	47.11	ng		99
48) Acenaphthylene	9.56	152	433108	45.30	ng		99
49) Dimethylphthalate	9.45	163	773262	117.41	ng		99
50) 2,6-Dinitrotoluene	9.51	165	68741	47.10	ng		97
51) Acenaphthene	9.74	154	257020	43.85	ng		98
52) 3-Nitroaniline	9.67	138	67600	36.43	ng		87
53) 2,4-Dinitrophenol	9.78	184	1408	2.18	ng	#	84
54) Dibenzofuran	9.91	168	369920	48.22	ng	#	85
55) 4-Nitrophenol	9.85	139	81674	57.92	ng		92
56) 2,4-Dinitrotoluene	9.91	165	83488	43.75	ng	#	61
57) Fluorene	10.25	166	290510	49.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	54725	40.55	ng	#	45
59) Diethylphthalate	10.15	149	355661	53.81	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	147996	53.88	ng		100
61) 4-Nitroaniline	10.28	138	82913	46.44	ng		92
62) Azobenzene	10.41	77	368452	48.87	ng		93
64) 4,6-Dinitro-2-methylphenol	10.32	198	2861	3.62	ng	#	69
65) n-Nitrosodiphenylamine	10.36	169	254998	51.06	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	72041	48.44	ng	#	63
67) Hexachlorobenzene	10.80	284	68286	41.48	ng		93
68) Atrazine	10.90	200	57337	36.84	ng		91
69) Pentachlorophenol	11.00	266	56110	57.59	ng		99
70) Phenanthrene	11.21	178	635248	78.75	ng		99
71) Anthracene	11.26	178	420906	52.47	ng		99
72) Carbazole	11.42	167	341137	45.19	ng		99
73) Di-n-butylphthalate	11.76	149	497755	56.68	ng		99
74) Fluoranthene	12.40	202	845386	103.37	ng		94
76) Benzidine	12.51	184	14765	2.75	ng	#	97
77) Pyrene	12.62	202	713688	79.38	ng		99
79) Butylbenzylphthalate	13.25	149	177858	44.35	ng	#	77
80) Benzo(a)anthracene	13.81	228	525616	76.98	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	68599	26.72	ng	#	94
82) Chrysene	13.84	228	381209	56.43	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	252590	55.17	ng	#	100
84) Di-n-octyl phthalate	14.42	149	389609	50.09	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.48	276	282017	54.26	ng	#	100
87) Benzo(b)fluoranthene	14.81	252	444844m	81.94	ng		
88) Benzo(k)fluoranthene	14.83	252	296750m	62.79	ng		
89) Benzo(a)pyrene	15.13	252	361182	78.58	ng		99
90) Dibenzo(a,h)anthracene	16.49	278	202955	52.88	ng	#	95
91) Benzo(g,h,i)perylene	16.87	276	235687	59.34	ng		96

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

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