Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088389.D
Acq On : 25 Jun 2016 21:06
Operator : UM/SJ
Sample : H3602-09MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB-B1(0-12)CMSD

Quant Time: Jun 26 03:43:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	72619	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	290487	20.00	ng		-0.05
38) Acenaphthene-d10	9.60	164	119390	20.00	ng		-0.05
63) Phenanthrene-d10	11.07	188	188738	20.00	ng		-0.05
75) Chrysene-d12	13.70	240	133626	20.00	ng		-0.05
86) Perylene-d12	15.05	264	118207	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	520202	122.46	ng		-0.02
7) Phenol-d6	6.24	99	618020	120.05	ng		-0.02
23) Nitrobenzene-d5	7.14	82	391804	78.76	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	133248	105.70	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	734791	97.50	ng		-0.05
78) Terphenyl-d14	12.65	244	494706	84.24	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	61184	29.64	ng	#	21
3) Pyridine	2.64	79	168585	34.59	ng		91
4) n-Nitrosodimethylamine	2.60	42	68830	33.35	ng	#	76
6) Aniline	6.23	93	145350	19.84	ng	#	90
8) 2-Chlorophenol	6.35	128	219830	43.72	ng		92
10) Phenol	6.25	94	257116	48.57	ng		83
11) bis(2-Chloroethyl)ether	6.31	93	215527	47.75	ng		90
12) 1,3-Dichlorobenzene	6.50	146	204950m	37.99	ng		
13) 1,4-Dichlorobenzene	6.58	146	216457m	39.83	ng		
14) 1,2-Dichlorobenzene	6.73	146	199326m	40.33	ng		
15) Benzyl Alcohol	6.73	79	144715	35.93	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	198382	32.53	ng	#	1
17) 2-Methylphenol	6.86	107	159589	39.14	ng	#	86
18) Hexachloroethane	7.07	117	62097	32.20	ng	#	88
19) n-Nitroso-di-n-propylamine	7.00	70	143990	43.72	ng	#	78
20) 3+4-Methylphenols	7.02	107	217255	45.67	ng	#	78
22) Acetophenone	6.99	105	296105	45.61	ng		96
24) Nitrobenzene	7.16	77	198366	41.17	ng		99
25) Isophorone	7.40	82	374127	40.60	ng		95
26) 2-Nitrophenol	7.47	139	107271	41.56	ng		92
27) 2,4-Dimethylphenol	7.54	122	172484	36.29	ng		99
28) bis(2-Chloroethoxy)methane	7.62	93	250662	43.86	ng		98
29) 2,4-Dichlorophenol	7.74	162	172147	43.38	ng		92
30) 1,2,4-Trichlorobenzene	7.79	180	169929	39.33	ng		99
31) Naphthalene	7.87	128	623664	43.38	ng		99
33) 4-Chloroaniline	7.94	127	118981	18.54	ng		96
34) Hexachlorobutadiene	7.99	225	87012	38.18	ng		98
35) Caprolactam	8.32	113	50608	38.50	ng	#	80
36) 4-Chloro-3-methylphenol	8.44	107	180089	42.44	ng		95
37) 2-Methylnaphthalene	8.56	142	361047	38.11	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	165271	59.78	ng	#	1
42) 2,4,6-Trichlorophenol	8.86	196	104718	43.86	ng		98
43) 2,4,5-Trichlorophenol	8.90	196	104453	42.05	ng	#	80
45) 1,1'-Biphenyl	9.03	154	464865	52.97	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.05	162	359751	46.56	ng		97
47) 2-Nitroaniline	9.16	65	104835	46.00	ng	#	69
48) Acenaphthylene	9.46	152	540787	44.01	ng		99
49) Dimethylphthalate	9.34	163	485200	56.10	ng		99
50) 2,6-Dinitrotoluene	9.40	165	90714	45.80	ng	#	83
51) Acenaphthene	9.63	154	314744	41.06	ng		98
52) 3-Nitroaniline	9.58	138	80011	35.01	ng		84
54) Dibenzofuran	9.80	168	460675	43.63	ng		94
55) 4-Nitrophenol	9.77	139	56170m	31.67	ng		
56) 2,4-Dinitrotoluene	9.80	165	101929	40.04	ng	#	36
57) Fluorene	10.14	166	329197	46.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	81596	41.80	ng	#	59
59) Diethylphthalate	10.03	149	417733	47.72	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	154985	44.14	ng		97
61) 4-Nitroaniline	10.19	138	86977	40.12	ng		94
62) Azobenzene	10.30	77	377876	43.65	ng		96
64) 4,6-Dinitro-2-methylphenol	10.23	198	4789	6.04	ng		88
65) n-Nitrosodiphenylamine	10.26	169	327371	52.27	ng		100
66) 4-Bromophenyl-phenylether	10.63	248	96526	47.67	ng		93
67) Hexachlorobenzene	10.68	284	94192	44.77	ng		94
68) Atrazine	10.80	200	93635	49.37	ng		98
69) Pentachlorophenol	10.89	266	64496	58.16	ng		98
70) Phenanthrene	11.10	178	440162	44.44	ng		99
71) Anthracene	11.14	178	461514	46.20	ng		98
72) Carbazole	11.31	167	446412	47.75	ng		98
73) Di-n-butylphthalate	11.64	149	568560	48.04	ng		99
74) Fluoranthene	12.27	202	400271	38.30	ng		99
76) Benzidine	12.41	184	196921	53.22	ng		98
77) Pyrene	12.50	202	418289	42.18	ng		99
79) Butylbenzylphthalate	13.13	149	218465	49.83	ng		95
80) Benzo(a)anthracene	13.69	228	334235	43.89	ng		98
81) 3,3'-Dichlorobenzidine	13.66	252	102187	49.90	ng	#	97
82) Chrysene	13.73	228	386484	53.95	ng		98
83) Bis(2-ethylhexyl)phthalate	13.69	149	285344	53.47	ng	#	99
84) Di-n-octyl phthalate	14.30	149	497673	57.39	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	267683	40.22	ng	#	100
87) Benzo(b)fluoranthene	14.69	252	302731m	36.74	ng		
88) Benzo(k)fluoranthene	14.71	252	321255m	51.69	ng		
89) Benzo(a)pyrene	14.99	252	294274	44.15	ng		97
90) Dibenzo(a,h)anthracene	16.29	278	229389	37.05	ng		97
91) Benzo(g,h,i)perylene	16.64	276	221378	34.76	ng		98

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

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