Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088301.D
Acq On : 23 Jun 2016 21:13
Operator : UM/SJ
Sample : H3607-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 24 02:08:53 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	6.59	152	94715	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	392536	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	179472	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	317171	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	196838	20.00	ng		-0.01
86) Perylene-d12	15.10	264	186426	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	360335	65.04	ng		0.02
7) Phenol-d6	6.27	99	288371	42.95	ng		0.01
23) Nitrobenzene-d5	7.18	82	529273	78.74	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	203369	107.32	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1013351	88.96	ng		0.00
78) Terphenyl-d14	12.68	244	747752	86.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	43984	16.34	ng	#	34
3) Pyridine	2.78	79	60501	9.52	ng		93
4) n-Nitrosodimethylamine	2.68	42	44806	16.64	ng		81
6) Aniline	6.26	93	148035	15.49	ng		95
8) 2-Chlorophenol	6.39	128	245980	37.51	ng		93
10) Phenol	6.28	94	133319	17.72	ng		75
11) bis(2-Chloroethyl)ether	6.34	93	279590	47.49	ng		87
12) 1,3-Dichlorobenzene	6.54	146	279821m	39.77	ng		
13) 1,4-Dichlorobenzene	6.62	146	287055	40.50	ng		97
14) 1,2-Dichlorobenzene	6.76	146	255914m	39.70	ng		
15) Benzyl Alcohol	6.76	79	147969	28.17	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	287451	36.14	ng	#	32
17) 2-Methylphenol	6.89	107	160072	30.10	ng	#	80
18) Hexachloroethane	7.10	117	97219	38.65	ng	#	83
19) n-Nitroso-di-n-propylamine	7.03	70	189966	44.23	ng		90
20) 3+4-Methylphenols	7.05	107	193326	31.16	ng	#	78
22) Acetophenone	7.02	105	383552	43.72	ng	#	96
24) Nitrobenzene	7.20	77	288689	44.34	ng		95
25) Isophorone	7.44	82	527249	42.34	ng		95
26) 2-Nitrophenol	7.51	139	149952	42.99	ng		92
27) 2,4-Dimethylphenol	7.56	122	222454	34.64	ng		91
28) bis(2-Chloroethoxy)methane	7.66	93	342525	44.35	ng		98
29) 2,4-Dichlorophenol	7.77	162	224524	41.87	ng		93
30) 1,2,4-Trichlorobenzene	7.83	180	234714	40.20	ng		99
31) Naphthalene	7.91	128	825178	42.48	ng		99
32) Benzoic acid	7.70	122	42991	12.16	ng		94
33) 4-Chloroaniline	7.98	127	160317	18.48	ng	#	93
34) Hexachlorobutadiene	8.02	225	117270	38.08	ng		98
35) Caprolactam	8.38	113	12895	7.26	ng	#	75
36) 4-Chloro-3-methylphenol	8.47	107	221259	38.58	ng		94
37) 2-Methylnaphthalene	8.59	142	508369	39.71	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	220829	48.59	ng	#	1
40) Hexachlorocyclopentadiene	8.75	237	84722	29.27	ng		95
42) 2,4,6-Trichlorophenol	8.89	196	149556	41.67	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	144534	38.71	ng		96
45) 1,1'-Biphenyl	9.06	154	594193	43.97	ng		98
46) 2-Chloronaphthalene	9.08	162	479838	41.32	ng		99
47) 2-Nitroaniline	9.20	65	141945	41.43	ng	#	83
48) Acenaphthylene	9.50	152	734265	39.75	ng		100
49) Dimethylphthalate	9.38	163	630690	48.51	ng		99
50) 2,6-Dinitrotoluene	9.44	165	125748	42.24	ng	#	60
51) Acenaphthene	9.67	154	454818	39.47	ng		99
52) 3-Nitroaniline	9.61	138	81763	23.80	ng		95
53) 2,4-Dinitrophenol	9.72	184	115644	72.63	ng		97
54) Dibenzofuran	9.84	168	622991	39.25	ng	#	88
55) 4-Nitrophenol	9.83	139	77300m	28.99	ng		
56) 2,4-Dinitrotoluene	9.85	165	176979	46.25	ng		92
57) Fluorene	10.18	166	511437	48.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	121115	41.27	ng	#	57
59) Diethylphthalate	10.07	149	554807	42.16	ng		98
60) 4-Chlorophenyl-phenylether	10.17	204	199879	37.87	ng	#	88
61) 4-Nitroaniline	10.23	138	120467	36.97	ng		96
62) Azobenzene	10.33	77	532124	40.89	ng		96
64) 4,6-Dinitro-2-methylphenol	10.26	198	86028	43.65	ng	#	63
65) n-Nitrosodiphenylamine	10.31	169	480985	45.70	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	153452	45.10	ng		96
67) Hexachlorobenzene	10.72	284	150175	42.48	ng		93
68) Atrazine	10.83	200	112484	35.30	ng		91
69) Pentachlorophenol	10.94	266	133400	71.58	ng		98
70) Phenanthrene	11.13	178	734834	44.15	ng		99
71) Anthracene	11.19	178	737177	43.91	ng		100
72) Carbazole	11.35	167	700085	44.56	ng		99
73) Di-n-butylphthalate	11.68	149	825567	41.51	ng		100
74) Fluoranthene	12.32	202	750510	42.73	ng		95
77) Pyrene	12.54	202	702344	48.08	ng		99
79) Butylbenzylphthalate	13.16	149	331257	51.30	ng		88
80) Benzo(a)anthracene	13.73	228	485706	43.30	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	37211	12.34	ng	#	93
82) Chrysene	13.76	228	465301	44.09	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	377235	47.99	ng		99
84) Di-n-octyl phthalate	14.33	149	644722	50.47	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.35	276	550627	56.16	ng	#	100
87) Benzo(b)fluoranthene	14.73	252	587682m	45.23	ng		
88) Benzo(k)fluoranthene	14.75	252	383630m	39.14	ng		
89) Benzo(a)pyrene	15.04	252	460654	43.82	ng		99
90) Dibenzo(a,h)anthracene	16.35	278	461276	47.24	ng		99
91) Benzo(g,h,i)perylene	16.72	276	497129	49.50	ng		98

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

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