Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079238.D
Acq On : 14 May 2015 17:46
Operator : TP/IZ
Sample : G2215-11MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39SMS

Quant Time: May 15 02:16:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:34:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	49114	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	203267	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	101663	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	187667	20.00	ng		0.00
75) Chrysene-d12	16.24	240	201232	20.00	ng		0.00
86) Perylene-d12	18.30	264	215204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	346567m	121.47	ng		0.00
7) Phenol-d6	6.79	99	499016	132.31	ng		0.00
23) Nitrobenzene-d5	7.91	82	260331	73.61	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	150419	136.77	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	511344	70.08	ng		0.00
78) Terphenyl-d14	14.83	244	603330	71.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	34755m	28.02	ng		
3) Pyridine	2.84	79	115393m	31.78	ng		
4) n-Nitrosodimethylamine	2.76	42	56700m	36.45	ng		
6) Aniline	6.81	93	127778	24.00	ng	#	83
8) 2-Chlorophenol	6.95	128	127511	39.40	ng		99
9) Benzaldehyde	6.66	77	39732	15.64	ng		94
10) Phenol	6.80	94	168162	38.44	ng		82
11) bis(2-Chloroethyl)ether	6.91	93	118801	37.04	ng		87
12) 1,3-Dichlorobenzene	7.14	146	134287	36.92	ng	#	94
13) 1,4-Dichlorobenzene	7.24	146	132882	35.50	ng		96
14) 1,2-Dichlorobenzene	7.43	146	125735	36.08	ng		97
15) Benzyl Alcohol	7.40	79	106024	37.87	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.58	45	174609	35.58	ng		99
17) 2-Methylphenol	7.55	107	105229	40.41	ng		95
18) Hexachloroethane	7.84	117	46762	36.27	ng		89
19) n-Nitroso-di-n-propylamine	7.74	70	97859	38.42	ng	#	85
20) 3+4-Methylphenols	7.75	107	141064	40.65	ng	#	46
22) Acetophenone	7.72	105	183329	39.92	ng	#	94
24) Nitrobenzene	7.93	77	128895	36.77	ng		99
25) Isophorone	8.23	82	244394	37.27	ng		98
26) 2-Nitrophenol	8.33	139	63595	43.83	ng		99
27) 2,4-Dimethylphenol	8.40	122	114853	39.56	ng		93
28) bis(2-Chloroethoxy)methane	8.51	93	159990	39.58	ng		98
29) 2,4-Dichlorophenol	8.63	162	113433	43.93	ng		98
30) 1,2,4-Trichlorobenzene	8.73	180	111591	39.34	ng		97
31) Naphthalene	8.82	128	389933	40.26	ng		99
32) Benzoic acid	8.49	122	43615	27.14	ng		94
33) 4-Chloroaniline	8.90	127	104305	25.45	ng	#	92
34) Hexachlorobutadiene	8.98	225	58751	35.97	ng		99
35) Caprolactam	9.31	113	32624m	39.07	ng		
36) 4-Chloro-3-methylphenol	9.51	107	118817	43.81	ng		93
37) 2-Methylnaphthalene	9.68	142	261647	38.98	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.88	216	103602	36.18	ng	#	100
40) Hexachlorocyclopentadiene	9.87	237	85418	59.33	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.03	196	75171	38.19	ng		95
43) 2,4,5-Trichlorophenol	10.08	196	82479	41.44	ng		93
45) 1,1'-Biphenyl	10.26	154	312787	38.70	ng		99
46) 2-Chloronaphthalene	10.28	162	237531	37.68	ng		98
47) 2-Nitroaniline	10.41	65	69426	38.01	ng		89
48) Acenaphthylene	10.80	152	397385	38.39	ng		99
49) Dimethylphthalate	10.65	163	318856	42.73	ng		99
50) 2,6-Dinitrotoluene	10.73	165	57539	39.08	ng	#	68
51) Acenaphthene	11.02	154	229844	37.24	ng		100
52) 3-Nitroaniline	10.92	138	58148	31.61	ng	#	87
53) 2,4-Dinitrophenol	11.06	184	36533	66.34	ng	#	85
54) Dibenzofuran	11.22	168	339302	38.06	ng		95
55) 4-Nitrophenol	11.15	139	111164	76.36	ng		90
56) 2,4-Dinitrotoluene	11.22	165	77159	39.64	ng		91
57) Fluorene	11.66	166	282545	38.61	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.38	232	65777	40.45	ng	#	100
59) Diethylphthalate	11.53	149	285900	38.68	ng		98
60) 4-Chlorophenyl-phenylether	11.66	204	120078	36.99	ng	#	81
61) 4-Nitroaniline	11.68	138	63256	34.38	ng		96
62) Azobenzene	11.86	77	279222	38.34	ng		91
64) 4,6-Dinitro-2-methylphenol	11.72	198	30911	41.74	ng		95
65) n-Nitrosodiphenylamine	11.80	169	237171	37.95	ng		99
66) 4-Bromophenyl-phenylether	12.27	248	76513	39.11	ng	#	88
67) Hexachlorobenzene	12.33	284	87093	38.95	ng	#	83
68) Atrazine	12.48	200	75566	41.58	ng		98
69) Pentachlorophenol	12.58	266	90393	70.04	ng		98
70) Phenanthrene	12.85	178	448328	42.70	ng		100
71) Anthracene	12.91	178	414107	40.21	ng		99
72) Carbazole	13.12	167	416542	42.43	ng		98
73) Di-n-butylphthalate	13.57	149	464939	39.49	ng		99
74) Fluoranthene	14.33	202	516826	47.24	ng		94
76) Benzidine	14.51	184	228575	42.15	ng		98
77) Pyrene	14.62	202	540585	46.62	ng		100
79) Butylbenzylphthalate	15.50	149	215845	42.58	ng		88
80) Benzo(a)anthracene	16.23	228	464231	42.13	ng		99
81) 3,3'-Dichlorobenzidine	16.21	252	145728	37.13	ng	#	97
82) Chrysene	16.29	228	442709	41.77	ng		99
83) Bis(2-ethylhexyl)phthalate	16.31	149	319588	41.63	ng	#	96
84) Di-n-octyl phthalate	17.25	149	540119	39.94	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.83	276	582611	43.14	ng	#	100
87) Benzo(b)fluoranthene	17.76	252	504723	42.85	ng	#	96
88) Benzo(k)fluoranthene	17.79	252	457164	40.09	ng	#	96
89) Benzo(a)pyrene	18.22	252	479022	44.17	ng		98
90) Dibenzo(a,h)anthracene	19.86	278	465848	40.41	ng		99
91) Benzo(g,h,i)perylene	20.26	276	493889	42.75	ng		100

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

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