Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079358.D
Acq On : 20 May 2015 1:08
Operator : TP/IZ
Sample : G2270-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20MS

Quant Time: May 20 06:04:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	38372	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	160888	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	81480	20.00	ng		0.00
63) Phenanthrene-d10	12.72	188	159878	20.00	ng		0.00
75) Chrysene-d12	16.00	240	174731	20.00	ng		-0.02
86) Perylene-d12	17.70	264	185570	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	301401m	135.21	ng		-0.01
7) Phenol-d6	6.70	99	399796	135.68	ng		-0.01
23) Nitrobenzene-d5	7.83	82	225237	80.46	ng		0.00
41) 2,4,6-Tribromophenol	11.85	330	119027	135.03	ng		-0.01
44) 2-Fluorobiphenyl	10.04	172	433617	74.14	ng		-0.01
78) Terphenyl-d14	14.71	244	512353	70.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	33446m	34.51	ng		
3) Pyridine	2.73	79	43811m	15.45	ng		
4) n-Nitrosodimethylamine	2.60	42	52626m	43.30	ng		
6) Aniline	6.72	93	81269	19.54	ng	#	1
8) 2-Chlorophenol	6.86	128	116146	45.94	ng		92
9) Benzaldehyde	6.57	77	36710m	18.49	ng		
10) Phenol	6.72	94	149472	43.73	ng		80
11) bis(2-Chloroethyl)ether	6.82	93	113822	45.42	ng		95
12) 1,3-Dichlorobenzene	7.05	146	116795	41.10	ng	#	96
13) 1,4-Dichlorobenzene	7.15	146	116293	39.76	ng		96
14) 1,2-Dichlorobenzene	7.34	146	110749	40.68	ng		95
15) Benzyl Alcohol	7.31	79	95061m	43.46	ng		
16) 2,2'-oxybis(1-Chloropropan	7.50	45	162202	42.31	ng		95
17) 2-Methylphenol	7.46	107	92636	45.53	ng		95
18) Hexachloroethane	7.75	117	39812	39.52	ng		97
19) n-Nitroso-di-n-propylamine	7.64	70	82802	41.60	ng		95
20) 3+4-Methylphenols	7.66	107	126748	46.75	ng	#	48
22) Acetophenone	7.64	105	162447	44.69	ng	#	81
24) Nitrobenzene	7.85	77	119774	43.16	ng	#	75
25) Isophorone	8.15	82	228508	44.03	ng		98
26) 2-Nitrophenol	8.24	139	56598	49.28	ng		97
27) 2,4-Dimethylphenol	8.31	122	108052	47.02	ng		95
28) bis(2-Chloroethoxy)methane	8.43	93	140691	43.97	ng		98
29) 2,4-Dichlorophenol	8.54	162	97628	47.77	ng		98
30) 1,2,4-Trichlorobenzene	8.64	180	96759	43.10	ng		98
31) Naphthalene	8.73	128	340119	44.37	ng		99
32) Benzoic acid	8.42	122	55137m	39.58	ng		
33) 4-Chloroaniline	8.81	127	84100	25.93	ng	#	91
34) Hexachlorobutadiene	8.89	225	47837	37.00	ng		99
35) Caprolactam	9.23	113	29202	44.19	ng	#	90
36) 4-Chloro-3-methylphenol	9.42	107	104043	48.47	ng	#	84
37) 2-Methylnaphthalene	9.59	142	232027	43.68	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	89512	39.01	ng		97
40) Hexachlorocyclopentadiene	9.78	237	58210	50.45	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	67010	42.48	ng		97
43) 2,4,5-Trichlorophenol	9.99	196	71153	44.61	ng	#	86
45) 1,1'-Biphenyl	10.17	154	278221	42.95	ng		98
46) 2-Chloronaphthalene	10.19	162	213613	42.28	ng	#	91
47) 2-Nitroaniline	10.32	65	63707	43.52	ng		99
48) Acenaphthylene	10.70	152	334488	40.32	ng		99
49) Dimethylphthalate	10.56	163	336750	56.31	ng		98
50) 2,6-Dinitrotoluene	10.64	165	56163	47.59	ng		92
51) Acenaphthene	10.91	154	196790	39.78	ng		100
52) 3-Nitroaniline	10.83	138	51229	34.75	ng		97
53) 2,4-Dinitrophenol	10.98	184	34270	72.90	ng	#	52
54) Dibenzofuran	11.13	168	310602	43.47	ng		98
55) 4-Nitrophenol	11.06	139	98639	84.54	ng	#	79
56) 2,4-Dinitrotoluene	11.13	165	72245	46.31	ng	#	60
57) Fluorene	11.55	166	248877	42.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	54611	41.90	ng		98
59) Diethylphthalate	11.44	149	274243	46.29	ng		100
60) 4-Chlorophenyl-phenylether	11.57	204	110113	42.32	ng		98
61) 4-Nitroaniline	11.59	138	60503	41.02	ng		97
62) Azobenzene	11.76	77	253295	43.39	ng		99
64) 4,6-Dinitro-2-methylphenol	11.63	198	29015	44.76	ng	#	49
65) n-Nitrosodiphenylamine	11.71	169	223801	42.03	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	70550	42.34	ng	#	90
67) Hexachlorobenzene	12.23	284	75012	39.38	ng	#	83
68) Atrazine	12.39	200	68210	44.05	ng		96
69) Pentachlorophenol	12.48	266	72870	66.64	ng		99
70) Phenanthrene	12.74	178	363415	40.63	ng		99
71) Anthracene	12.81	178	365770	41.69	ng		99
72) Carbazole	13.02	167	378647	45.27	ng		99
73) Di-n-butylphthalate	13.47	149	446895	44.56	ng		99
74) Fluoranthene	14.22	202	384613	41.27	ng		97
76) Benzidine	14.40	184	58055	12.33	ng		98
77) Pyrene	14.50	202	407180	40.44	ng		98
79) Butylbenzylphthalate	15.33	149	195716	44.47	ng	#	86
80) Benzo(a)anthracene	15.99	228	375804	39.28	ng		100
81) 3,3'-Dichlorobenzidine	15.97	252	117664	34.52	ng	#	97
82) Chrysene	16.03	228	357463	38.84	ng		99
83) Bis(2-ethylhexyl)phthalate	16.05	149	320014	48.00	ng	#	98
84) Di-n-octyl phthalate	16.83	149	550918	46.92	ng		96
85) Indeno(1,2,3-cd)pyrene	19.07	276	448203	38.22	ng		100
87) Benzo(b)fluoranthene	17.27	252	370471	36.47	ng		97
88) Benzo(k)fluoranthene	17.30	252	389025m	39.56	ng		
89) Benzo(a)pyrene	17.65	252	362377	38.75	ng		98
90) Dibenzo(a,h)anthracene	19.10	278	384058	38.64	ng		99
91) Benzo(g,h,i)perylene	19.49	276	363381	36.48	ng		99

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

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