Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076948.D
Acq On : 20 Jan 2015 4:01
Operator : IZ / TP
Sample : G1078-01MS
Misc : W
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1MS

Quant Time: Jan 20 05:05:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 04:56:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	33530	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	142871	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	75186	20.00	ng		0.00
63) Phenanthrene-d10	17.77	188	123143	20.00	ng		0.00
75) Chrysene-d12	21.27	240	119165	20.00	ng		0.00
86) Perylene-d12	22.92	264	110073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	92647	45.43	ng		0.00
7) Phenol-d6	7.37	99	72712	28.26	ng		0.00
23) Nitrobenzene-d5	9.27	82	219252	85.02	ng		0.00
41) 2,4,6-Tribromophenol	16.69	330	69205	113.39	ng		0.00
44) 2-Fluorobiphenyl	13.53	172	445097	90.09	ng		0.00
78) Terphenyl-d14	20.00	244	432897	83.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.29	88	12028	13.77	ng		98
3) Pyridine	1.80	79	30639	13.56	ng		90
4) n-Nitrosodimethylamine	1.74	42	16437	14.68	ng		92
6) Aniline	7.27	93	50186	14.10	ng		98
8) 2-Chlorophenol	7.50	128	60438	25.71	ng		90
9) Benzaldehyde	6.98	77	21836	12.91	ng		90
10) Phenol	7.40	94	25716	9.41	ng		94
11) bis(2-Chloroethyl)ether	7.51	93	92014	43.05	ng	#	78
12) 1,3-Dichlorobenzene	7.82	146	102697	38.39	ng		94
13) 1,4-Dichlorobenzene	8.01	146	104997	37.02	ng		97
14) 1,2-Dichlorobenzene	8.32	146	101981	39.02	ng		96
15) Benzyl Alcohol	8.40	79	54093	25.98	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.76	45	121780	42.38	ng		77
17) 2-Methylphenol	8.76	107	43323	22.55	ng	#	86
18) Hexachloroethane	9.08	117	39701	40.24	ng		92
19) n-Nitroso-di-n-propylamine	9.04	70	73924	41.05	ng		98
20) 3+4-Methylphenols	9.13	107	48141	18.92	ng		92
22) Acetophenone	8.96	105	171219	48.93	ng		95
24) Nitrobenzene	9.32	77	112481	42.82	ng		97
25) Isophorone	9.91	82	201040	42.81	ng		98
26) 2-Nitrophenol	10.06	139	38111	29.05	ng		95
27) 2,4-Dimethylphenol	10.33	122	69883	34.40	ng		98
28) bis(2-Chloroethoxy)methane	10.54	93	119532	44.78	ng		97
29) 2,4-Dichlorophenol	10.65	162	58092	30.68	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	86997	41.37	ng		95
31) Naphthalene	10.93	128	435060	59.15	ng		99
32) Benzoic acid	10.62	122	11084	9.85	ng	#	68
33) 4-Chloroaniline	11.18	127	42020	14.14	ng		97
34) Hexachlorobutadiene	11.29	225	50251	40.27	ng		95
35) Caprolactam	12.00	113	3272	5.87	ng		92
36) 4-Chloro-3-methylphenol	12.46	107	67203	31.00	ng		97
37) 2-Methylnaphthalene	12.59	142	378088	75.27	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	84886	45.67	ng		97
40) Hexachlorocyclopentadiene	12.97	237	87030	86.57	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	43999	32.49	ng		92
43) 2,4,5-Trichlorophenol	13.42	196	45819	33.17	ng	#	90
45) 1,1'-Biphenyl	13.74	154	279778	50.20	ng		99
46) 2-Chloronaphthalene	13.72	162	201966	44.03	ng		96
47) 2-Nitroaniline	14.06	65	66422	47.74	ng		92
48) Acenaphthylene	14.67	152	326087	42.15	ng		100
49) Dimethylphthalate	14.61	163	240561	45.12	ng		99
50) 2,6-Dinitrotoluene	14.70	165	51014	47.89	ng		90
51) Acenaphthene	15.09	154	190630	43.43	ng		97
52) 3-Nitroaniline	15.05	138	34357	25.58	ng		87
53) 2,4-Dinitrophenol	15.33	184	31973	66.31	ng	#	77
54) Dibenzofuran	15.51	168	292885	45.80	ng		99
55) 4-Nitrophenol	15.66	139	20109	24.06	ng		97
56) 2,4-Dinitrotoluene	15.64	165	70527	44.33	ng		93
57) Fluorene	16.23	166	248727	45.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.84	232	35631	35.43	ng		92
59) Diethylphthalate	16.22	149	248322	46.08	ng		99
60) 4-Chlorophenyl-phenylether	16.31	204	99994	45.11	ng		97
61) 4-Nitroaniline	16.37	138	47018	35.40	ng		99
62) Azobenzene	16.60	77	251166	44.73	ng		98
64) 4,6-Dinitro-2-methylphenol	16.44	198	25522	33.33	ng		82
65) n-Nitrosodiphenylamine	16.55	169	194806	44.37	ng		98
66) 4-Bromophenyl-phenylether	17.16	248	58351	46.77	ng	#	84
67) Hexachlorobenzene	17.17	284	57670	43.86	ng	#	85
68) Atrazine	17.53	200	60688	45.55	ng		92
69) Pentachlorophenol	17.53	266	41897	70.38	ng		98
70) Phenanthrene	17.81	178	354984	46.23	ng		99
71) Anthracene	17.89	178	323004	43.13	ng		98
72) Carbazole	18.17	167	330027	45.44	ng		99
73) Di-n-butylphthalate	18.76	149	414298	49.28	ng		99
74) Fluoranthene	19.45	202	346731	44.06	ng		99
77) Pyrene	19.74	202	364313	44.61	ng		100
79) Butylbenzylphthalate	20.67	149	180367	48.76	ng		95
80) Benzo(a)anthracene	21.26	228	326066	43.61	ng		100
81) 3,3'-Dichlorobenzidine	21.27	252	36068	15.18	ng		99
82) Chrysene	21.31	228	309560	45.40	ng		99
83) Bis(2-ethylhexyl)phthalate	21.41	149	266018	51.98	ng	#	99
84) Di-n-octyl phthalate	22.16	149	448298	50.47	ng		98
85) Indeno(1,2,3-cd)pyrene	24.01	276	315737	43.70	ng	#	83
87) Benzo(b)fluoranthene	22.51	252	371666	50.13	ng		99
88) Benzo(k)fluoranthene	22.54	252	234830m	36.26	ng		
89) Benzo(a)pyrene	22.86	252	296460	45.34	ng	#	96
90) Dibenzo(a,h)anthracene	24.04	278	266963	44.49	ng	#	93
91) Benzo(g,h,i)perylene	24.31	276	266620	44.70	ng	#	94

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

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