Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080151.D
Acq On : 25 Jun 2015 2:37
Operator : TP/IZ
Sample : G2747-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-76(11-13)MS

Quant Time: Jun 25 05:08:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 00:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	55753	20.00	ng		0.00
21) Naphthalene-d8	8.61	136	217101	20.00	ng		0.00
38) Acenaphthene-d10	10.38	164	112345	20.00	ng		0.00
63) Phenanthrene-d10	11.89	188	209182	20.00	ng		0.00
75) Chrysene-d12	14.81	240	228415	20.00	ng		-0.11
86) Perylene-d12	16.68	264	252561	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	437272	138.83	ng		0.01
7) Phenol-d6	6.93	99	594498	141.84	ng		0.01
23) Nitrobenzene-d5	7.88	82	359780	96.48	ng		0.00
41) 2,4,6-Tribromophenol	11.18	330	141284	128.61	ng		0.01
44) 2-Fluorobiphenyl	9.68	172	526789	66.87	ng		0.00
78) Terphenyl-d14	13.56	244	520633	53.23	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	47955	32.03	ng		87
3) Pyridine	4.01	79	144217	36.22	ng	#	81
4) n-Nitrosodimethylamine	3.93	42	79367	41.95	ng		95
6) Aniline	6.97	93	170905	29.64	ng		96
8) 2-Chlorophenol	7.10	128	170220	46.76	ng		93
9) Benzaldehyde	6.86	77	93616	38.69	ng	#	76
10) Phenol	6.94	94	206155	45.07	ng		86
11) bis(2-Chloroethyl)ether	7.03	93	152571	42.04	ng		98
12) 1,3-Dichlorobenzene	7.26	146	188686m	43.15	ng		
13) 1,4-Dichlorobenzene	7.34	146	175488	42.20	ng		98
14) 1,2-Dichlorobenzene	7.49	146	179054m	44.24	ng		
15) Benzyl Alcohol	7.44	79	157073	45.84	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.58	45	240847	44.71	ng		87
17) 2-Methylphenol	7.54	107	131813	42.39	ng	#	84
18) Hexachloroethane	7.84	117	57933	41.84	ng	#	64
19) n-Nitroso-di-n-propylamine	7.70	70	115002	39.52	ng	#	80
20) 3+4-Methylphenols	7.69	107	183601	45.75	ng		87
22) Acetophenone	7.72	105	239395	47.32	ng	#	85
24) Nitrobenzene	7.89	77	170875	44.39	ng	#	62
25) Isophorone	8.13	82	337845	45.02	ng	#	87
26) 2-Nitrophenol	8.21	139	80260	49.82	ng	#	38
27) 2,4-Dimethylphenol	8.23	122	148125	44.09	ng	#	78
28) bis(2-Chloroethoxy)methane	8.33	93	217566	49.34	ng	#	93
29) 2,4-Dichlorophenol	8.45	162	140521	48.84	ng		89
30) 1,2,4-Trichlorobenzene	8.55	180	146379	44.80	ng		97
31) Naphthalene	8.63	128	514091m	45.29	ng		
32) Benzoic acid	8.30	122	49411m	24.33	ng		
33) 4-Chloroaniline	8.66	127	96599m	19.89	ng		
34) Hexachlorobutadiene	8.74	225	91639	45.55	ng		98
35) Caprolactam	9.01	113	42978	46.02	ng	#	85
36) 4-Chloro-3-methylphenol	9.13	107	142291	43.85	ng	#	74
37) 2-Methylnaphthalene	9.33	142	340418	46.36	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	144352	44.15	ng		99
40) Hexachlorocyclopentadiene	9.49	237	77314	48.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	103625	46.58	ng		97
43) 2,4,5-Trichlorophenol	9.64	196	115414m	45.03	ng		
45) 1,1'-Biphenyl	9.78	154	401046	43.88	ng		93
46) 2-Chloronaphthalene	9.82	162	331956	44.76	ng		97
47) 2-Nitroaniline	9.90	65	97164	47.73	ng	#	70
48) Acenaphthylene	10.24	152	576801	46.60	ng		97
49) Dimethylphthalate	10.07	163	420837	49.83	ng	#	97
50) 2,6-Dinitrotoluene	10.14	165	80780	47.71	ng	#	69
51) Acenaphthene	10.41	154	331673	43.80	ng		92
52) 3-Nitroaniline	10.31	138	63823	32.67	ng	#	68
53) 2,4-Dinitrophenol	10.41	184	33184	50.47	ng	#	1
54) Dibenzofuran	10.58	168	476336	44.33	ng	#	91
55) 4-Nitrophenol	10.46	139	144899	92.79	ng	#	55
56) 2,4-Dinitrotoluene	10.55	165	118184	55.00	ng	#	94
57) Fluorene	10.93	166	360520	42.28	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.70	232	100263	46.34	ng		96
59) Diethylphthalate	10.78	149	374515	44.04	ng		99
60) 4-Chlorophenyl-phenylether	10.92	204	179234	43.74	ng		96
61) 4-Nitroaniline	10.93	138	79741	39.52	ng	#	59
62) Azobenzene	11.08	77	371050	42.86	ng		90
64) 4,6-Dinitro-2-methylphenol	10.96	198	32907	35.02	ng		82
65) n-Nitrosodiphenylamine	11.03	169	329444	48.37	ng		92
66) 4-Bromophenyl-phenylether	11.41	248	103255	46.42	ng	#	90
67) Hexachlorobenzene	11.49	284	110265	44.61	ng	#	80
68) Atrazine	11.54	200	98134	45.60	ng		82
69) Pentachlorophenol	11.68	266	137146	97.91	ng		98
70) Phenanthrene	11.91	178	599874	47.37	ng		97
71) Anthracene	11.96	178	570004	46.74	ng		96
72) Carbazole	12.11	167	483329	41.52	ng		94
73) Di-n-butylphthalate	12.44	149	634177	47.15	ng	#	98
74) Fluoranthene	13.16	202	614097	45.53	ng		94
76) Benzidine	13.28	184	285236	44.67	ng	#	98
77) Pyrene	13.42	202	712289	50.65	ng		97
79) Butylbenzylphthalate	14.09	149	277468	49.13	ng	#	86
80) Benzo(a)anthracene	14.80	228	700671	50.35	ng		94
81) 3,3'-Dichlorobenzidine	14.75	252	174257	36.31	ng	#	96
82) Chrysene	14.85	228	634988	49.49	ng		94
83) Bis(2-ethylhexyl)phthalate	14.78	149	430711	48.25	ng		95
84) Di-n-octyl phthalate	15.57	149	762084	49.83	ng		96
85) Indeno(1,2,3-cd)pyrene	18.53	276	757760	46.83	ng	#	89
87) Benzo(b)fluoranthene	16.14	252	765172	50.04	ng	#	89
88) Benzo(k)fluoranthene	16.19	252	627723	40.31	ng	#	86
89) Benzo(a)pyrene	16.61	252	713959	49.16	ng	#	86
90) Dibenzo(a,h)anthracene	18.55	278	593066	39.90	ng	#	82
91) Benzo(g,h,i)perylene	19.09	276	653093	43.52	ng	#	78

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

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