Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081991.D
Acq On : 2 Oct 2015 21:05
Operator : UM/IZ
Sample : G3886-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(16-18)MSD

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:28:52 PM

Quant Time: Oct 03 04:33:10 2015
Quant Method : H:\HPCHEM1\BNA F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	113926	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	452266	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	229159	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	455119	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	427129	20.00	ng		-0.03
86) Perylene-d12	15.53	264	337729	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	699238	111.42	ng		-0.03
7) Phenol-d6	6.53	99	976776	123.69	ng		-0.03
23) Nitrobenzene-d5	7.46	82	604979	89.17	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	268515	115.70	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1155669	84.24	ng		-0.05
78) Terphenyl-d14	13.02	244	1099507	82.45	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	93836	34.38	ng	#	83
3) Pyridine	3.26	79	236350	33.26	ng		85
4) n-Nitrosodimethylamine	3.22	42	116639	36.14	ng		92
6) Aniline	6.55	93	245851	23.17	ng	#	84
8) 2-Chlorophenol	6.67	128	298732	43.11	ng		99
9) Benzaldehyde	6.43	77	54104	10.46	ng	#	80
10) Phenol	6.54	94	361978	40.86	ng		80
11) bis(2-Chloroethyl)ether	6.63	93	314485	45.78	ng		96
12) 1,3-Dichlorobenzene	6.82	146	312932m	38.23	ng		
13) 1,4-Dichlorobenzene	6.90	146	332837m	38.94	ng		
14) 1,2-Dichlorobenzene	7.06	146	309987	40.70	ng		99
15) Benzyl Alcohol	7.03	79	212594	37.29	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	397189	40.90	ng		81
17) 2-Methylphenol	7.14	107	234424	41.72	ng	#	86
18) Hexachloroethane	7.39	117	109829	41.04	ng		90
19) n-Nitroso-di-n-propylamine	7.30	70	187256	39.01	ng	#	78
20) 3+4-Methylphenols	7.30	107	283935	40.01	ng	#	50
22) Acetophenone	7.30	105	392369	42.43	ng	#	81
24) Nitrobenzene	7.47	77	284823	38.66	ng	#	69
25) Isophorone	7.71	82	559460	41.60	ng	#	92
26) 2-Nitrophenol	7.79	139	166592	47.11	ng	#	81
27) 2,4-Dimethylphenol	7.83	122	273380	43.94	ng	#	82
28) bis(2-Chloroethoxy)methane	7.93	93	347928	43.57	ng	#	94
29) 2,4-Dichlorophenol	8.03	162	277608	46.02	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	281620	41.82	ng		98
31) Naphthalene	8.19	128	788163m	39.33	ng		
32) Benzoic acid	7.92	122	75868	24.61	ng	#	71
33) 4-Chloroaniline	8.25	127	130626	15.07	ng	#	94
34) Hexachlorobutadiene	8.31	225	162657	40.84	ng		98
35) Caprolactam	8.63	113	77890m	46.64	ng		
36) 4-Chloro-3-methylphenol	8.73	107	264277	44.80	ng		85
37) 2-Methylnaphthalene	8.89	142	588864	43.05	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	278933	39.65	ng		98
40) Hexachlorocyclopentadiene	9.04	237	171027	47.21	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	178920	37.10	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	212058	42.75	ng	#	96
45) 1,1'-Biphenyl	9.36	154	738175	41.75	ng		95
46) 2-Chloronaphthalene	9.38	162	574677	41.40	ng		95
47) 2-Nitroaniline	9.49	65	168056	41.24	ng		90
48) Acenaphthylene	9.79	152	829652	37.34	ng		96
49) Dimethylphthalate	9.67	163	921062	58.23	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	145294	42.31	ng	#	69
51) Acenaphthene	9.97	154	561152	42.53	ng		89
52) 3-Nitroaniline	9.90	138	96557	24.30	ng	#	72
53) 2,4-Dinitrophenol	10.00	184	109770	71.12	ng	#	57
54) Dibenzofuran	10.15	168	785264	42.11	ng		94
55) 4-Nitrophenol	10.06	139	216326	75.35	ng	#	47
56) 2,4-Dinitrotoluene	10.14	165	191165	43.67	ng	#	94
57) Fluorene	10.49	166	628791	47.26	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	189047	48.05	ng		93
59) Diethylphthalate	10.37	149	610809	41.34	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	297778	43.62	ng		92
61) 4-Nitroaniline	10.53	138	153395	38.51	ng	#	65
62) Azobenzene	10.64	77	627311	43.50	ng		91
64) 4,6-Dinitro-2-methylphenol	10.54	198	91504	44.98	ng		98
65) n-Nitrosodiphenylamine	10.61	169	554005	40.23	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	183265m	39.94	ng		
67) Hexachlorobenzene	11.03	284	185686	35.85	ng	#	81
68) Atrazine	11.13	200	165470	38.73	ng		83
69) Pentachlorophenol	11.23	266	235508	79.81	ng		99
70) Phenanthrene	11.45	178	883298	40.15	ng		95
71) Anthracene	11.51	178	989487	42.78	ng		98
72) Carbazole	11.66	167	849340	40.57	ng		95
73) Di-n-butylphthalate	11.99	149	936864	43.90	ng	#	98
74) Fluoranthene	12.64	202	949297	38.94	ng		90
76) Benzidine	12.79	184	53775	4.18	ng		97
77) Pyrene	12.87	202	928338	36.38	ng		95
79) Butylbenzylphthalate	13.50	149	437374	45.55	ng		96
80) Benzo(a)anthracene	14.07	228	842172	36.62	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	195371	25.15	ng	#	93
82) Chrysene	14.10	228	862678m	41.21	ng		
83) Bis(2-ethylhexyl)phthalate	14.06	149	570276	47.35	ng	#	94
84) Di-n-octyl phthalate	14.68	149	945013	48.21	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.98	276	673422	37.43	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	934171m	48.45	ng		
88) Benzo(k)fluoranthene	15.14	252	646852m	36.60	ng		
89) Benzo(a)pyrene	15.48	252	731293	43.72	ng	#	86
90) Dibenzo(a,h)anthracene	17.01	278	560394	39.93	ng	#	81
91) Benzo(g,h,i)perylene	17.43	276	545762	37.95	ng	#	76

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

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