Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
Data File : BF076712.D
Acq On : 31 Dec 2014 20:18
Operator : IZ / TP
Sample : PB81154BS
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81154BS

Quant Time: Jan 01 06:56:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 31 23:59:08 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	34790	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	149500	20.00	ng		-0.01
38) Acenaphthene-d10	10.45	164	85441	20.00	ng		0.00
63) Phenanthrene-d10	12.25	188	141035	20.00	ng		-0.01
75) Chrysene-d12	15.49	240	130859	20.00	ng		-0.01
86) Perylene-d12	17.15	264	123972	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	296409	144.44	ng		0.00
7) Phenol-d6	6.32	99	368488	147.02	ng		0.00
23) Nitrobenzene-d5	7.43	82	236182	93.95	ng		0.00
41) 2,4,6-Tribromophenol	11.42	330	102391	141.79	ng		0.00
44) 2-Fluorobiphenyl	9.65	172	460203	83.82	ng		-0.01
78) Terphenyl-d14	14.24	244	486942	82.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.41	88	33570	38.27	ng	#	100
3) Pyridine	1.92	79	96606	43.75	ng		89
4) n-Nitrosodimethylamine	1.88	42	41726	39.06	ng		88
6) Aniline	6.30	93	73059	20.41	ng	#	81
8) 2-Chlorophenol	6.45	128	102574	43.65	ng		93
10) Phenol	6.33	94	126229	41.50	ng		85
11) bis(2-Chloroethyl)ether	6.42	93	99531	45.46	ng		99
12) 1,3-Dichlorobenzene	6.63	146	114937	42.13	ng	#	93
13) 1,4-Dichlorobenzene	6.74	146	115133	41.67	ng		99
14) 1,2-Dichlorobenzene	6.93	146	108234	41.30	ng		96
15) Benzyl Alcohol	6.93	79	95816	44.15	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	138048	43.52	ng		97
17) 2-Methylphenol	7.10	107	84356	43.68	ng		98
18) Hexachloroethane	7.34	117	45899	46.48	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	78832	43.07	ng		99
20) 3+4-Methylphenols	7.29	107	111333	42.69	ng		96
22) Acetophenone	7.25	105	165549	46.20	ng	#	98
24) Nitrobenzene	7.45	77	121569	46.64	ng		94
25) Isophorone	7.76	82	222471	45.92	ng		97
26) 2-Nitrophenol	7.84	139	50611	39.76	ng	#	64
27) 2,4-Dimethylphenol	7.94	122	94170	45.71	ng		92
28) bis(2-Chloroethoxy)methane	8.06	93	138794	48.80	ng		97
29) 2,4-Dichlorophenol	8.15	162	89031	43.97	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	93093	42.64	ng		97
31) Naphthalene	8.32	128	318192	42.96	ng		99
32) Benzoic acid	8.08	122	52156	42.67	ng		89
33) 4-Chloroaniline	8.42	127	61891	20.47	ng		96
34) Hexachlorobutadiene	8.49	225	56472	44.50	ng		94
35) Caprolactam	8.85	113	27646	47.35	ng	#	85
36) 4-Chloro-3-methylphenol	9.05	107	99477	44.14	ng		95
37) 2-Methylnaphthalene	9.18	142	215085	41.62	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	91965	43.76	ng	#	76
40) Hexachlorocyclopentadiene	9.37	237	94339	77.74	ng		95
42) 2,4,6-Trichlorophenol	9.54	196	60508	39.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.59	196	62902	38.34	ng	#	90
45) 1,1'-Biphenyl	9.76	154	273777	43.13	ng		97
46) 2-Chloronaphthalene	9.77	162	214452	42.60	ng		99
47) 2-Nitroaniline	9.92	65	70081	45.76	ng	#	75
48) Acenaphthylene	10.28	152	361462	42.21	ng		99
49) Dimethylphthalate	10.17	163	273569	45.26	ng		99
50) 2,6-Dinitrotoluene	10.23	165	52058	42.04	ng	#	46
51) Acenaphthene	10.49	154	197949	40.86	ng		99
52) 3-Nitroaniline	10.42	138	41894	29.80	ng		99
53) 2,4-Dinitrophenol	10.56	184	39950	62.14	ng	#	67
54) Dibenzofuran	10.70	168	293400	41.87	ng		95
55) 4-Nitrophenol	10.66	139	88589m	82.17	ng		
56) 2,4-Dinitrotoluene	10.72	165	80741	48.92	ng		88
57) Fluorene	11.12	166	255755	43.45	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.86	232	53960	44.23	ng	#	100
59) Diethylphthalate	11.04	149	283178	45.87	ng		97
60) 4-Chlorophenyl-phenylether	11.15	204	113693	44.63	ng	#	87
61) 4-Nitroaniline	11.17	138	59868	40.51	ng		93
62) Azobenzene	11.34	77	270886	44.53	ng		99
64) 4,6-Dinitro-2-methylphenol	11.21	198	32785	37.16	ng		89
65) n-Nitrosodiphenylamine	11.29	169	211511	42.69	ng		99
66) 4-Bromophenyl-phenylether	11.74	248	63755	46.41	ng	#	80
67) Hexachlorobenzene	11.79	284	71303	44.47	ng	#	90
68) Atrazine	11.98	200	73881	49.91	ng		95
69) Pentachlorophenol	12.04	266	77477	98.71	ng		100
70) Phenanthrene	12.29	178	368311	43.28	ng		99
71) Anthracene	12.35	178	387394	46.40	ng		98
72) Carbazole	12.56	167	341329	42.15	ng		99
73) Di-n-butylphthalate	13.04	149	470266	47.28	ng		99
74) Fluoranthene	13.74	202	382215	43.99	ng		98
76) Benzidine	13.93	184	137684	25.25	ng		98
77) Pyrene	14.01	202	409938	44.78	ng		99
79) Butylbenzylphthalate	14.87	149	206185	47.11	ng	#	75
80) Benzo(a)anthracene	15.48	228	361930	44.42	ng		98
81) 3,3'-Dichlorobenzidine	15.48	252	71701	26.32	ng	#	95
82) Chrysene	15.52	228	342393	45.92	ng		97
83) Bis(2-ethylhexyl)phthalate	15.60	149	302431	45.67	ng	#	94
84) Di-n-octyl phthalate	16.37	149	539389	47.71	ng		99
85) Indeno(1,2,3-cd)pyrene	18.30	276	390674m	47.74	ng		
87) Benzo(b)fluoranthene	16.73	252	351597	42.99	ng		99
88) Benzo(k)fluoranthene	16.77	252	327396m	42.98	ng		
89) Benzo(a)pyrene	17.09	252	326721	44.77	ng		99
90) Dibenzo(a,h)anthracene	18.32	278	319846	44.22	ng		100
91) Benzo(g,h,i)perylene	18.61	276	324041	46.04	ng		98

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

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