Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083765.D
Acq On : 14 Dec 2015 8:21
Operator : UM/IZ
Sample : G4648-12MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04(0-0.16)MSD

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:52 PM

Quant Time: Dec 14 10:13:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	109468	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	378461	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	168063	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	271048	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	227456	20.00	ng		-0.01
86) Perylene-d12	15.51	264	202025	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	702626	103.55	ng		0.00
7) Phenol-d6	6.56	99	954910	111.13	ng		0.01
23) Nitrobenzene-d5	7.48	82	564800	83.49	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	174511	101.90	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	950457	81.95	ng		-0.01
78) Terphenyl-d14	13.01	244	707097	66.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	102104	31.12	ng	#	83
3) Pyridine	3.34	79	267076	32.35	ng	#	84
4) n-Nitrosodimethylamine	3.29	42	115613	37.02	ng	#	66
6) Aniline	6.58	93	295412	25.31	ng	#	83
8) 2-Chlorophenol	6.70	128	290641	36.45	ng		88
9) Benzaldehyde	6.46	77	82343	17.84	ng		83
10) Phenol	6.57	94	355376	35.93	ng	#	74
11) bis(2-Chloroethyl)ether	6.66	93	278721	38.91	ng	#	84
12) 1,3-Dichlorobenzene	6.86	146	315500	37.28	ng		96
13) 1,4-Dichlorobenzene	6.93	146	303285	35.47	ng		97
14) 1,2-Dichlorobenzene	7.09	146	298387	38.83	ng		100
15) Benzyl Alcohol	7.06	79	254682	40.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	331167	35.61	ng		72
17) 2-Methylphenol	7.17	107	238225	37.16	ng	#	85
18) Hexachloroethane	7.44	117	96418	31.75	ng	#	82
19) n-Nitroso-di-n-propylamine	7.33	70	184428	35.05	ng		89
20) 3+4-Methylphenols	7.32	107	269016	35.55	ng	#	74
22) Acetophenone	7.33	105	367783	39.61	ng	#	89
24) Nitrobenzene	7.50	77	280725	39.87	ng	#	70
25) Isophorone	7.74	82	523611	39.45	ng	#	91
26) 2-Nitrophenol	7.81	139	130126	38.47	ng		91
27) 2,4-Dimethylphenol	7.86	122	265688	39.98	ng		95
28) bis(2-Chloroethoxy)methane	7.95	93	311177	41.09	ng		97
29) 2,4-Dichlorophenol	8.05	162	212183	38.89	ng		93
30) 1,2,4-Trichlorobenzene	8.14	180	220888	39.04	ng		97
31) Naphthalene	8.22	128	754519	38.25	ng		99
33) 4-Chloroaniline	8.27	127	197238	24.48	ng	#	86
34) Hexachlorobutadiene	8.35	225	125442	40.40	ng		98
35) Caprolactam	8.61	113	66443	37.92	ng	#	76
36) 4-Chloro-3-methylphenol	8.75	107	241951	37.91	ng		93
37) 2-Methylnaphthalene	8.92	142	523133	42.24	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	192022	38.73	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	62361	24.82	ng		97
42) 2,4,6-Trichlorophenol	9.20	196	138964	38.29	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	138729	40.30	ng		94
45) 1,1'-Biphenyl	9.38	154	570314	38.29	ng		98
46) 2-Chloronaphthalene	9.40	162	418432	38.06	ng	#	91
47) 2-Nitroaniline	9.49	65	135794	43.55	ng	#	72
48) Acenaphthylene	9.81	152	687996	37.19	ng		100
49) Dimethylphthalate	9.68	163	646437	49.34	ng		100
50) 2,6-Dinitrotoluene	9.73	165	101355	36.45	ng		93
51) Acenaphthene	10.00	154	416987	37.29	ng		97
52) 3-Nitroaniline	9.90	138	96645	30.14	ng	#	57
53) 2,4-Dinitrophenol	10.01	184	12579	15.63	ng	#	62
54) Dibenzofuran	10.16	168	598350	40.38	ng	#	90
55) 4-Nitrophenol	10.05	139	150717	63.49	ng		90
56) 2,4-Dinitrotoluene	10.13	165	127814	35.18	ng	#	86
57) Fluorene	10.50	166	405865	34.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	102404	39.66	ng	#	100
59) Diethylphthalate	10.37	149	497244	37.48	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	210987	39.66	ng		97
61) 4-Nitroaniline	10.51	138	106869	37.82	ng		97
62) Azobenzene	10.66	77	502853	41.59	ng		87
64) 4,6-Dinitro-2-methylphenol	10.54	198	27133	17.59	ng	#	53
65) n-Nitrosodiphenylamine	10.61	169	418821	45.18	ng		98
66) 4-Bromophenyl-phenylether	10.99	248	121378	40.05	ng	#	86
67) Hexachlorobenzene	11.06	284	129359	39.45	ng	#	77
68) Atrazine	11.14	200	128124	48.58	ng		98
69) Pentachlorophenol	11.24	266	118466	64.05	ng		99
70) Phenanthrene	11.46	178	578306	40.16	ng		99
71) Anthracene	11.52	178	612372	40.95	ng		99
72) Carbazole	11.66	167	604490	43.38	ng		98
73) Di-n-butylphthalate	12.00	149	694142	41.02	ng		99
74) Fluoranthene	12.65	202	635674	42.73	ng		99
76) Benzidine	12.76	184	339436	48.97	ng		97
77) Pyrene	12.88	202	644370	35.84	ng		99
79) Butylbenzylphthalate	13.49	149	307022	39.79	ng		90
80) Benzo(a)anthracene	14.05	228	528999	40.90	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	205596	44.06	ng	#	96
82) Chrysene	14.09	228	496336	39.34	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	385542	43.90	ng	#	97
84) Di-n-octyl phthalate	14.66	149	723364	51.84	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	444946	35.91	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	558482	43.33	ng		98
88) Benzo(k)fluoranthene	15.12	252	449040m	38.45	ng		
89) Benzo(a)pyrene	15.45	252	473571	41.18	ng		97
90) Dibenzo(a,h)anthracene	16.96	278	376313	32.91	ng		99
91) Benzo(g,h,i)perylene	17.37	276	350073	29.78	ng		98

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

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