Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090954.D
Acq On : 1 Nov 2016 16:48
Operator : UM/SJ
Sample : H5489-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MSD

Manual Integrations APPROVED
Umangi
11/2/2016 5:41:42 PM

Quant Time: Nov 02 01:26:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	166897	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	727885	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	387872	20.00	ng		-0.01
63) Phenanthrene-d10	11.27	188	611802	20.00	ng		0.00
75) Chrysene-d12	13.89	240	506335	20.00	ng		-0.01
86) Perylene-d12	15.29	264	330055	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1305360	136.75	ng		0.01
7) Phenol-d6	6.38	99	1600153	124.25	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1104868	99.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	407244	102.17	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1652752	74.82	ng		-0.01
78) Terphenyl-d14	12.84	244	1651030	82.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	180737	37.03	ng		87
3) Pyridine	3.01	79	499150	37.70	ng	#	76
4) n-Nitrosodimethylamine	2.97	42	210587	56.50	ng	#	79
6) Aniline	6.40	93	510134	34.68	ng	#	1
8) 2-Chlorophenol	6.52	128	502156	42.64	ng		86
9) Benzaldehyde	6.28	77	68926	10.36	ng	#	75
10) Phenol	6.40	94	560444	39.49	ng	#	22
11) bis(2-Chloroethyl)ether	6.48	93	496008	42.24	ng		98
12) 1,3-Dichlorobenzene	6.68	146	482396	40.05	ng	#	94
13) 1,4-Dichlorobenzene	6.75	146	489557	38.65	ng	#	89
14) 1,2-Dichlorobenzene	6.91	146	505402m	41.62	ng		
15) Benzyl Alcohol	6.89	79	417263	49.33	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.02	45	704302	60.28	ng		77
17) 2-Methylphenol	7.01	107	412851	46.09	ng	#	81
18) Hexachloroethane	7.25	117	204343	44.33	ng	#	79
19) n-Nitroso-di-n-propylamine	7.16	70	390582	52.46	ng	#	70
20) 3+4-Methylphenols	7.16	107	500550	48.27	ng	#	71
22) Acetophenone	7.15	105	686345	45.83	ng	#	83
24) Nitrobenzene	7.32	77	528182	44.91	ng	#	62
25) Isophorone	7.57	82	1084630	48.07	ng	#	91
26) 2-Nitrophenol	7.64	139	253613	40.25	ng	#	49
27) 2,4-Dimethylphenol	7.69	122	434051	42.55	ng	#	78
28) bis(2-Chloroethoxy)methane	7.78	93	613796	47.83	ng	#	93
29) 2,4-Dichlorophenol	7.89	162	389856	41.28	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	414333	37.96	ng		99
31) Naphthalene	8.04	128	1382087	40.62	ng		97
32) Benzoic acid	7.79	122	86439	11.67	ng	#	57
33) 4-Chloroaniline	8.10	127	308671	22.45	ng	#	85
34) Hexachlorobutadiene	8.17	225	228615	35.62	ng		98
35) Caprolactam	8.48	113	127571m	43.51	ng		
36) 4-Chloro-3-methylphenol	8.59	107	465066	45.28	ng	#	78
37) 2-Methylnaphthalene	8.74	142	926439	42.16	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	425803	40.02	ng		98
40) Hexachlorocyclopentadiene	8.90	237	383829	78.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	289285	42.11	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	293161	41.44	ng	#	95
45) 1,1'-Biphenyl	9.21	154	1185898	42.45	ng		94
46) 2-Chloronaphthalene	9.23	162	931526	43.83	ng		93
47) 2-Nitroaniline	9.33	65	321748	53.65	ng		88
48) Acenaphthylene	9.64	152	1399443	43.49	ng		96
49) Dimethylphthalate	9.52	163	1550434	59.83	ng	#	98
50) 2,6-Dinitrotoluene	9.57	165	235515	41.15	ng	#	57
51) Acenaphthene	9.81	154	833100	37.59	ng		89
52) 3-Nitroaniline	9.74	138	176400	28.95	ng	#	77
53) 2,4-Dinitrophenol	9.85	184	176881	58.71	ng	#	33
54) Dibenzofuran	9.98	168	1176781	41.15	ng	#	83
55) 4-Nitrophenol	9.92	139	304111	81.85	ng	#	41
56) 2,4-Dinitrotoluene	9.97	165	281946	39.66	ng	#	46
57) Fluorene	10.33	166	976245	41.67	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.11	232	244303	38.67	ng		95
59) Diethylphthalate	10.21	149	1143574	44.43	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	437854	38.29	ng		91
61) 4-Nitroaniline	10.36	138	252259	41.80	ng	#	59
62) Azobenzene	10.48	77	1250124	49.39	ng	#	82
64) 4,6-Dinitro-2-methylphenol	10.38	198	141652	34.92	ng		90
65) n-Nitrosodiphenylamine	10.44	169	799039	42.64	ng		90
66) 4-Bromophenyl-phenylether	10.81	248	255362	38.12	ng	#	88
67) Hexachlorobenzene	10.88	284	317724	40.07	ng	#	87
68) Atrazine	10.98	200	272861	47.07	ng		85
69) Pentachlorophenol	11.07	266	309743	72.82	ng		99
70) Phenanthrene	11.29	178	1421633	45.63	ng		95
71) Anthracene	11.33	178	1299981	39.63	ng		96
72) Carbazole	11.49	167	1195978	41.28	ng	#	92
73) Di-n-butylphthalate	11.83	149	1619809	43.37	ng	#	96
74) Fluoranthene	12.47	202	1287602	37.74	ng		98
76) Benzidine	12.59	184	347981	31.48	ng		98
77) Pyrene	12.69	202	1256166	39.20	ng		95
79) Butylbenzylphthalate	13.32	149	669639	46.06	ng	#	80
80) Benzo(a)anthracene	13.88	228	1149703	42.78	ng		95
81) 3,3'-Dichlorobenzidine	13.85	252	249775	23.94	ng		98
82) Chrysene	13.92	228	1064988	39.18	ng		94
83) Bis(2-ethylhexyl)phthalate	13.88	149	896406	47.35	ng	#	92
84) Di-n-octyl phthalate	14.50	149	1581434	49.74	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.63	276	789194	32.76	ng	#	95
87) Benzo(b)fluoranthene	14.90	252	915664m	41.26	ng		
88) Benzo(k)fluoranthene	14.92	252	841264m	47.97	ng		
89) Benzo(a)pyrene	15.23	252	792670	41.57	ng	#	91
90) Dibenzo(a,h)anthracene	16.64	278	673263	41.70	ng	#	85
91) Benzo(g,h,i)perylene	17.03	276	619936	40.77	ng	#	80

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

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