Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
Data File : BF092232.D
Acq On : 13 Jan 2017 3:49
Operator : UM/SJ
Sample : I1131-04MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Manual Integrations APPROVED
Sohil
1/13/2017 11:07:17 AM

Quant Time: Jan 13 07:04:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	154094	20.00	ng		-0.05
21) Naphthalene-d8	7.89	136	709801	20.00	ng		-0.05
38) Acenaphthene-d10	9.64	164	361382	20.00	ng		-0.05
63) Phenanthrene-d10	11.11	188	491233	20.00	ng		-0.05
75) Chrysene-d12	13.74	240	317465	20.00	ng		-0.05
86) Perylene-d12	15.10	264	342304	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1541339	167.02	ng		-0.03
7) Phenol-d6	6.28	99	1920608	170.46	ng		-0.03
23) Nitrobenzene-d5	7.18	82	1325671	103.85	ng		-0.03
41) 2,4,6-Tribromophenol	10.42	330	348075	116.39	ng		-0.05
44) 2-Fluorobiphenyl	8.96	172	1859537	109.09	ng		-0.05
78) Terphenyl-d14	12.70	244	1274890	97.40	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	215782	47.49	ng		96
3) Pyridine	2.71	79	720153	45.41	ng		98
4) n-Nitrosodimethylamine	2.68	42	306274	51.20	ng		99
6) Aniline	6.26	93	271307	18.54	ng	#	69
8) 2-Chlorophenol	6.39	128	591460	56.34	ng		96
9) Benzaldehyde	6.14	77	38862	4.42	ng		97
10) Phenol	6.29	94	799229	62.25	ng	#	67
11) bis(2-Chloroethyl)ether	6.34	93	587716	57.53	ng		99
12) 1,3-Dichlorobenzene	6.54	146	599394	53.49	ng		98
13) 1,4-Dichlorobenzene	6.62	146	499033	43.75	ng		93
14) 1,2-Dichlorobenzene	6.77	146	548592	55.43	ng		99
15) Benzyl Alcohol	6.76	79	459268	52.46	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	848865	55.80	ng	#	43
17) 2-Methylphenol	6.89	107	490879	58.14	ng	#	88
18) Hexachloroethane	7.11	117	220227	52.08	ng	#	88
19) n-Nitroso-di-n-propylamine	7.03	70	416371	55.55	ng		99
20) 3+4-Methylphenols	7.04	107	692215	68.74	ng	#	71
22) Acetophenone	7.02	105	836020	47.75	ng		93
24) Nitrobenzene	7.19	77	645360	47.47	ng		98
25) Isophorone	7.43	82	1124864	47.76	ng		95
26) 2-Nitrophenol	7.51	139	313320	46.73	ng		93
27) 2,4-Dimethylphenol	7.57	122	467380	42.03	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	601132	42.09	ng		98
29) 2,4-Dichlorophenol	7.76	162	446102	47.38	ng		91
30) 1,2,4-Trichlorobenzene	7.83	180	459731	44.55	ng		96
31) Naphthalene	7.91	128	1560413	48.03	ng		99
32) Benzoic acid	7.68	122	27930	3.39	ng		98
33) 4-Chloroaniline	7.97	127	125392	8.56	ng		97
34) Hexachlorobutadiene	8.02	225	237525	43.61	ng		98
35) Caprolactam	8.34	113	136619m	44.15	ng		
36) 4-Chloro-3-methylphenol	8.48	107	501561	46.29	ng		93
37) 2-Methylnaphthalene	8.60	142	1019418	57.53	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	446180	48.87	ng		98
40) Hexachlorocyclopentadiene	8.76	237	198084	50.27	ng		98

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Quant Time: Jan 13 07:04:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	289828	45.39	ng		98
43) 2,4,5-Trichlorophenol	8.94	196	285642	43.47	ng		98
45) 1,1'-Biphenyl	9.06	154	1194179	48.26	ng		98
46) 2-Chloronaphthalene	9.09	162	933505	47.64	ng		98
47) 2-Nitroaniline	9.19	65	277455	39.77	ng		100
48) Acenaphthylene	9.50	152	1379623	45.78	ng		99
49) Dimethylphthalate	9.37	163	1637527	70.85	ng		98
50) 2,6-Dinitrotoluene	9.44	165	260093	51.41	ng		95
51) Acenaphthene	9.67	154	912464	44.66	ng		99
52) 3-Nitroaniline	9.60	138	129642	20.71	ng		96
53) 2,4-Dinitrophenol	9.72	184	117660	41.80	ng	#	50
54) Dibenzofuran	9.84	168	1190271	43.14	ng		98
55) 4-Nitrophenol	9.81	139	273062m	64.24	ng		
56) 2,4-Dinitrotoluene	9.84	165	270915	42.67	ng	#	81
57) Fluorene	10.18	166	956116	47.63	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.97	232	230452	44.34	ng		99
59) Diethylphthalate	10.07	149	971347	43.27	ng		100
60) 4-Chlorophenyl-phenylether	10.17	204	376010	42.78	ng		97
61) 4-Nitroaniline	10.22	138	227710	35.10	ng		96
62) Azobenzene	10.33	77	1082909	43.82	ng		100
64) 4,6-Dinitro-2-methylphenol	10.25	198	126058	42.44	ng		86
65) n-Nitrosodiphenylamine	10.30	169	771399	52.92	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	272306	53.29	ng		91
67) Hexachlorobenzene	10.73	284	258817	47.39	ng	#	85
68) Atrazine	10.84	200	250327	53.24	ng		98
69) Pentachlorophenol	10.93	266	212557	79.31	ng		97
70) Phenanthrene	11.13	178	1359027	51.02	ng		99
71) Anthracene	11.19	178	1396558	80.51	ng		98
72) Carbazole	11.35	167	1135266	63.07	ng		98
73) Di-n-butylphthalate	11.68	149	1400259	56.53	ng		99
74) Fluoranthene	12.32	202	1587458	70.06	ng		92
76) Benzidine	12.45	184	237987	26.45	ng		96
77) Pyrene	12.54	202	1360486	58.41	ng		99
79) Butylbenzylphthalate	13.17	149	494043	46.64	ng		95
80) Benzo(a)anthracene	13.73	228	1100747	61.43	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	204326	30.07	ng		98
82) Chrysene	13.76	228	909603	50.60	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	648152	51.95	ng	#	98
84) Di-n-octyl phthalate	14.35	149	1139756	49.32	ng		98
85) Indeno(1,2,3-cd)pyrene	16.36	276	944372	60.64	ng		99
87) Benzo(b)fluoranthene	14.73	252	1197508m	56.19	ng		
88) Benzo(k)fluoranthene	14.76	252	832772m	45.82	ng		
89) Benzo(a)pyrene	15.04	252	1051026	55.56	ng		98
90) Dibenzo(a,h)anthracene	16.36	278	745096	47.92	ng		98
91) Benzo(g,h,i)perylene	16.72	276	822979	50.91	ng		98

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

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