Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084864.D
Acq On : 5 Feb 2016 17:19
Operator : SJ/IZ
Sample : H1311-24MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MSD

Manual Integrations APPROVED
UMANGI
2/8/2016 3:02:58 PM

Quant Time: Feb 05 22:35:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	162258	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	679325	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	312346	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	543375	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	347636	20.00	ng		-0.03
86) Perylene-d12	15.17	264	313349	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1505874	144.56	ng		-0.01
7) Phenol-d6	6.33	99	1846326	142.97	ng		-0.01
23) Nitrobenzene-d5	7.24	82	1193752	98.99	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	442904	135.94	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1922057	120.24	ng		-0.02
78) Terphenyl-d14	12.76	244	1487541	96.96	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	168169	36.86	ng	#	74
3) Pyridine	2.85	79	467798	39.35	ng	#	76
4) n-Nitrosodimethylamine	2.81	42	294187	47.84	ng	#	81
6) Aniline	6.33	93	599784	37.95	ng	#	76
8) 2-Chlorophenol	6.45	128	589673	50.01	ng		98
9) Benzaldehyde	6.20	77	201294	26.39	ng		97
10) Phenol	6.34	94	796172	55.03	ng		91
11) bis(2-Chloroethyl)ether	6.41	93	502156m	44.51	ng		
12) 1,3-Dichlorobenzene	6.60	146	565319m	45.38	ng		
13) 1,4-Dichlorobenzene	6.68	146	593601	47.66	ng		94
14) 1,2-Dichlorobenzene	6.83	146	474309	40.89	ng		96
15) Benzyl Alcohol	6.82	79	440935	49.45	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	834748	43.99	ng		88
17) 2-Methylphenol	6.94	107	478348	51.30	ng	#	92
18) Hexachloroethane	7.17	117	214293	44.68	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	371368	45.88	ng	#	73
20) 3+4-Methylphenols	7.09	107	571197	49.35	ng	#	71
22) Acetophenone	7.08	105	803177	44.86	ng	#	98
24) Nitrobenzene	7.25	77	518660	40.16	ng		95
25) Isophorone	7.50	82	1102598	47.02	ng		96
26) 2-Nitrophenol	7.57	139	324127	50.89	ng	#	89
27) 2,4-Dimethylphenol	7.62	122	515691	46.55	ng		96
28) bis(2-Chloroethoxy)methane	7.71	93	673860	48.44	ng		99
29) 2,4-Dichlorophenol	7.82	162	449552	47.43	ng		90
30) 1,2,4-Trichlorobenzene	7.89	180	464219	43.36	ng		97
31) Naphthalene	7.97	128	1562664	45.86	ng		99
32) Benzoic acid	7.71	122	45633	6.44	ng		94
33) 4-Chloroaniline	8.03	127	404574	28.71	ng		94
34) Hexachlorobutadiene	8.10	225	272730	44.18	ng		97
35) Caprolactam	8.42	113	148159m	50.71	ng		
36) 4-Chloro-3-methylphenol	8.53	107	550918	50.95	ng		94
37) 2-Methylnaphthalene	8.66	142	1002373	47.00	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	428210	43.17	ng		98
40) Hexachlorocyclopentadiene	8.82	237	410347	89.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	301080	47.11	ng		98
43) 2,4,5-Trichlorophenol	8.99	196	311960	48.04	ng	#	86
45) 1,1'-Biphenyl	9.13	154	1141489	40.92	ng		100
46) 2-Chloronaphthalene	9.15	162	927898	45.16	ng		94
47) 2-Nitroaniline	9.25	65	315527	48.50	ng		97
48) Acenaphthylene	9.56	152	1310885	42.05	ng		97
49) Dimethylphthalate	9.45	163	1552583	65.26	ng	#	91
50) 2,6-Dinitrotoluene	9.50	165	271411	52.23	ng		96
51) Acenaphthene	9.73	154	853149	42.06	ng		97
52) 3-Nitroaniline	9.66	138	196773	33.69	ng		94
53) 2,4-Dinitrophenol	9.78	184	134556	57.83	ng		86
54) Dibenzofuran	9.90	168	1144940	46.18	ng		92
55) 4-Nitrophenol	9.85	139	322151	75.06	ng	#	79
56) 2,4-Dinitrotoluene	9.90	165	310763	46.88	ng	#	79
57) Fluorene	10.25	166	942834	45.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	268032	54.22	ng		93
59) Diethylphthalate	10.14	149	1077713	46.39	ng		95
60) 4-Chlorophenyl-phenylether	10.25	204	480210	57.18	ng		90
61) 4-Nitroaniline	10.28	138	244063	42.89	ng		93
62) Azobenzene	10.41	77	1155762	51.74	ng		94
64) 4,6-Dinitro-2-methylphenol	10.32	198	174478	52.03	ng		78
65) n-Nitrosodiphenylamine	10.36	169	875928	50.77	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	276612	46.09	ng	#	75
67) Hexachlorobenzene	10.80	284	347812	53.19	ng	#	92
68) Atrazine	10.90	200	261221	47.94	ng		99
69) Pentachlorophenol	10.99	266	292246	95.09	ng		98
70) Phenanthrene	11.21	178	1542193	51.17	ng		99
71) Anthracene	11.25	178	1371425	45.16	ng		98
72) Carbazole	11.41	167	1240143	46.83	ng		99
73) Di-n-butylphthalate	11.76	149	1704419	50.56	ng	#	97
74) Fluoranthene	12.39	202	1478992	48.49	ng		97
76) Benzidine	12.51	184	675514	62.29	ng		98
77) Pyrene	12.61	202	1564098	58.77	ng		99
79) Butylbenzylphthalate	13.24	149	651108	53.93	ng		94
80) Benzo(a)anthracene	13.79	228	1139742	52.82	ng		98
81) 3,3'-Dichlorobenzidine	13.77	252	214385	28.06	ng	#	98
82) Chrysene	13.84	228	1135591	54.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	806231	53.66	ng		100
84) Di-n-octyl phthalate	14.42	149	1317099	53.13	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	952189	57.82	ng		99
87) Benzo(b)fluoranthene	14.80	252	870221m	41.33	ng		
88) Benzo(k)fluoranthene	14.83	252	937706m	53.87	ng		
89) Benzo(a)pyrene	15.12	252	826094	46.05	ng	#	97
90) Dibenzo(a,h)anthracene	16.47	278	779912	51.65	ng	#	95
91) Benzo(g,h,i)perylene	16.83	276	809345	53.21	ng		99

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

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