Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083283.D
Acq On : 25 Nov 2015 19:52
Operator : UM/IZ
Sample : G4559-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01MSD

Manual Integrations APPROVED
mmdadoda
11/26/2015 6:43:39 PM

Quant Time: Nov 26 02:49:07 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	157447	20.00	ng		-0.07
21) Naphthalene-d8	7.87	136	603156	20.00	ng		-0.08
38) Acenaphthene-d10	9.62	164	296799	20.00	ng		-0.08
63) Phenanthrene-d10	11.10	188	562572	20.00	ng		-0.08
75) Chrysene-d12	13.73	240	434054	20.00	ng		-0.08
86) Perylene-d12	15.07	264	374819	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1254384	120.45	ng		-0.09
7) Phenol-d6	6.26	99	1653021	122.68	ng		-0.08
23) Nitrobenzene-d5	7.16	82	1109288	84.04	ng		-0.07
41) 2,4,6-Tribromophenol	10.42	330	352388	116.05	ng		-0.07
44) 2-Fluorobiphenyl	8.96	172	1525210	71.66	ng		-0.07
78) Terphenyl-d14	12.68	244	1385385	75.16	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	186392	36.13	ng	#	85
3) Pyridine	2.74	79	222386m	16.32	ng		
4) n-Nitrosodimethylamine	2.65	42	289218	46.02	ng		88
6) Aniline	6.25	93	412738	25.06	ng		90
8) 2-Chlorophenol	6.38	128	482238	42.86	ng		94
9) Benzaldehyde	6.12	77	292371	44.84	ng		93
10) Phenol	6.27	94	761879	46.74	ng	#	79
11) bis(2-Chloroethyl)ether	6.33	93	525710	45.17	ng		92
12) 1,3-Dichlorobenzene	6.52	146	510265	39.72	ng		97
13) 1,4-Dichlorobenzene	6.60	146	547615	42.14	ng		98
14) 1,2-Dichlorobenzene	6.76	146	480893	40.71	ng		96
15) Benzyl Alcohol	6.75	79	495417	44.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	927601	51.11	ng		95
17) 2-Methylphenol	6.88	107	417114	44.80	ng		96
18) Hexachloroethane	7.10	117	184300	40.26	ng	#	81
19) n-Nitroso-di-n-propylamine	7.02	70	415415	44.30	ng		97
20) 3+4-Methylphenols	7.04	107	563608	47.89	ng		97
22) Acetophenone	7.02	105	730569	42.19	ng	#	93
24) Nitrobenzene	7.18	77	569815	40.40	ng		96
25) Isophorone	7.43	82	1081717	43.28	ng		98
26) 2-Nitrophenol	7.50	139	245009	39.35	ng	#	83
27) 2,4-Dimethylphenol	7.56	122	458493	46.14	ng		93
28) bis(2-Chloroethoxy)methane	7.64	93	654493	45.04	ng		100
29) 2,4-Dichlorophenol	7.75	162	411263	43.51	ng		91
30) 1,2,4-Trichlorobenzene	7.83	180	429320	41.35	ng		96
31) Naphthalene	7.90	128	1317710	40.48	ng		99
32) Benzoic acid	7.70	122	231342	29.95	ng		97
33) 4-Chloroaniline	7.96	127	222017	17.58	ng	#	90
34) Hexachlorobutadiene	8.02	225	230797	37.62	ng		99
35) Caprolactam	8.34	113	131770m	43.50	ng		
36) 4-Chloro-3-methylphenol	8.47	107	459692	41.99	ng		91
37) 2-Methylnaphthalene	8.59	142	953279	45.12	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	403038	41.90	ng		98
40) Hexachlorocyclopentadiene	8.75	237	364860	66.70	ng		97

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Quant Time: Nov 26 02:49:07 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	285483	41.44	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	306950	43.57	ng	#	86
45) 1,1'-Biphenyl	9.06	154	1101204	43.59	ng		99
46) 2-Chloronaphthalene	9.07	162	832552	41.96	ng		93
47) 2-Nitroaniline	9.19	65	353537	50.37	ng	#	81
48) Acenaphthylene	9.48	152	1277352	41.54	ng		100
49) Dimethylphthalate	9.37	163	1349615	59.06	ng		100
50) 2,6-Dinitrotoluene	9.43	165	225551	43.99	ng		89
51) Acenaphthene	9.66	154	767823	41.03	ng		98
52) 3-Nitroaniline	9.60	138	165611	30.30	ng		87
53) 2,4-Dinitrophenol	9.70	184	216163	73.18	ng		88
54) Dibenzofuran	9.84	168	1191710	45.04	ng		94
55) 4-Nitrophenol	9.79	139	360672	86.04	ng	#	77
56) 2,4-Dinitrotoluene	9.83	165	283296	43.61	ng		96
57) Fluorene	10.17	166	883605	40.41	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	243360	42.11	ng		95
59) Diethylphthalate	10.07	149	989328	43.50	ng		97
60) 4-Chlorophenyl-phenylether	10.17	204	429286	42.86	ng		92
61) 4-Nitroaniline	10.22	138	240021	44.60	ng		93
62) Azobenzene	10.33	77	1231047	47.42	ng		97
64) 4,6-Dinitro-2-methylphenol	10.24	198	175276	45.22	ng		90
65) n-Nitrosodiphenylamine	10.30	169	862266	45.06	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	249343	39.94	ng	#	86
67) Hexachlorobenzene	10.72	284	284903	41.44	ng		96
68) Atrazine	10.83	200	280286	50.45	ng		94
69) Pentachlorophenol	10.92	266	334043	74.60	ng		98
70) Phenanthrene	11.13	178	1351342	41.69	ng		99
71) Anthracene	11.18	178	1381994	41.79	ng		100
72) Carbazole	11.34	167	1154461	39.28	ng		99
73) Di-n-butylphthalate	11.68	149	1439525	40.12	ng		100
74) Fluoranthene	12.31	202	1350328	40.71	ng		96
76) Benzidine	12.43	184	196125	17.24	ng		98
77) Pyrene	12.52	202	1261506	42.54	ng		99
79) Butylbenzylphthalate	13.16	149	580805	41.38	ng		95
80) Benzo(a)anthracene	13.71	228	1084441	40.40	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	244497	26.17	ng		97
82) Chrysene	13.75	228	832103	33.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	782844	42.71	ng	#	96
84) Di-n-octyl phthalate	14.34	149	1176939	37.30	ng		96
85) Indeno(1,2,3-cd)pyrene	16.30	276	955657	42.20	ng		96
87) Benzo(b)fluoranthene	14.71	252	1154265m	45.07	ng		
88) Benzo(k)fluoranthene	14.74	252	538476m	28.22	ng		
89) Benzo(a)pyrene	15.02	252	811274	38.37	ng	#	94
90) Dibenzo(a,h)anthracene	16.32	278	813964	42.38	ng		98
91) Benzo(g,h,i)perylene	16.66	276	794654	42.38	ng	#	94

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

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