Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085389.D
Acq On : 11 Mar 2016 23:21
Operator : UM/SJ
Sample : H1758-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:40 AM

Quant Time: Mar 14 03:53:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	173427	20.00	ng		-0.05
21) Naphthalene-d8	8.23	136	651154	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	279304	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	461440	20.00	ng		-0.05
75) Chrysene-d12	14.12	240	277289	20.00	ng		-0.03
86) Perylene-d12	15.57	264	293290	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1399605	135.37	ng		-0.03
7) Phenol-d6	6.57	99	1674140	123.59	ng		-0.03
23) Nitrobenzene-d5	7.51	82	1278600	105.08	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	424083	177.45	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1579981	86.03	ng		-0.05
78) Terphenyl-d14	13.05	244	1186594	99.34	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	196231	37.11	ng		99
3) Pyridine	3.41	79	565808	42.76	ng		97
4) n-Nitrosodimethylamine	3.36	42	251838	44.47	ng		93
6) Aniline	6.60	93	721835	38.02	ng		92
8) 2-Chlorophenol	6.72	128	555606	44.64	ng		96
9) Benzaldehyde	6.48	77	141192	18.88	ng		95
10) Phenol	6.58	94	569823m	39.28	ng		
11) bis(2-Chloroethyl)ether	6.68	93	583666m	48.44	ng		
12) 1,3-Dichlorobenzene	6.88	146	615730	46.08	ng		99
13) 1,4-Dichlorobenzene	6.95	146	584765	43.66	ng		99
14) 1,2-Dichlorobenzene	7.11	146	559692	46.06	ng		99
15) Benzyl Alcohol	7.08	79	521566	52.45	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	709379	40.84	ng		98
17) 2-Methylphenol	7.19	107	481135	47.37	ng		96
18) Hexachloroethane	7.45	117	220159	44.56	ng		100
19) n-Nitroso-di-n-propylamine	7.36	70	426258	48.28	ng		96
20) 3+4-Methylphenols	7.35	107	574387	47.74	ng	#	86
22) Acetophenone	7.35	105	701924	44.16	ng	#	91
24) Nitrobenzene	7.52	77	548863	44.40	ng		97
25) Isophorone	7.76	82	1143477	50.71	ng		100
26) 2-Nitrophenol	7.84	139	328177	54.56	ng	#	80
27) 2,4-Dimethylphenol	7.88	122	504486	45.89	ng		94
28) bis(2-Chloroethoxy)methane	7.98	93	734675	58.50	ng		98
29) 2,4-Dichlorophenol	8.08	162	451275	50.90	ng		90
30) 1,2,4-Trichlorobenzene	8.16	180	479327	50.00	ng		100
31) Naphthalene	8.25	128	1626765	50.81	ng		98
32) Benzoic acid	7.96	122	64382	8.82	ng		91
33) 4-Chloroaniline	8.30	127	461948	35.67	ng	#	88
34) Hexachlorobutadiene	8.37	225	258271	51.78	ng		99
35) Caprolactam	8.68	113	165664m	57.21	ng		
36) 4-Chloro-3-methylphenol	8.78	107	488400	48.56	ng		99
37) 2-Methylnaphthalene	8.94	142	959217	46.68	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	446092	55.85	ng		98
40) Hexachlorocyclopentadiene	9.10	237	272934	63.35	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	307307	51.68	ng		98
43) 2,4,5-Trichlorophenol	9.26	196	314418	55.77	ng		95
45) 1,1'-Biphenyl	9.41	154	1203997	50.46	ng		96
46) 2-Chloronaphthalene	9.43	162	871084	47.89	ng		94
47) 2-Nitroaniline	9.52	65	272505	48.35	ng		92
48) Acenaphthylene	9.84	152	1429043	50.48	ng		99
49) Dimethylphthalate	9.70	163	1273205	59.39	ng		99
50) 2,6-Dinitrotoluene	9.77	165	270411	58.96	ng	#	72
51) Acenaphthene	10.02	154	887158	51.61	ng		99
52) 3-Nitroaniline	9.93	138	205903	37.53	ng		83
53) 2,4-Dinitrophenol	10.04	184	56140	29.73	ng	#	64
54) Dibenzofuran	10.18	168	1222868	54.30	ng		97
55) 4-Nitrophenol	10.10	139	455518	105.64	ng		91
56) 2,4-Dinitrotoluene	10.17	165	320684	54.64	ng		99
57) Fluorene	10.54	166	884941	50.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	249783	63.07	ng		93
59) Diethylphthalate	10.40	149	1037650	49.88	ng		95
60) 4-Chlorophenyl-phenylether	10.53	204	463164	53.81	ng	#	84
61) 4-Nitroaniline	10.55	138	226151	44.07	ng		98
62) Azobenzene	10.69	77	1150131	56.12	ng		89
64) 4,6-Dinitro-2-methylphenol	10.58	198	84232	30.49	ng		81
65) n-Nitrosodiphenylamine	10.64	169	768987	53.58	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	266120	59.39	ng	#	83
67) Hexachlorobenzene	11.09	284	268280	56.13	ng	#	86
68) Atrazine	11.17	200	240885	60.35	ng		99
69) Pentachlorophenol	11.27	266	264004	99.50	ng		99
70) Phenanthrene	11.50	178	1345402	55.63	ng		99
71) Anthracene	11.54	178	1184613	46.14	ng		99
72) Carbazole	11.71	167	1175928	52.24	ng		98
73) Di-n-butylphthalate	12.03	149	1477968	51.94	ng		99
74) Fluoranthene	12.69	202	1129457	46.54	ng		93
76) Benzidine	12.80	184	803529	97.37	ng		99
77) Pyrene	12.92	202	1178583	56.47	ng		99
79) Butylbenzylphthalate	13.52	149	545934	57.65	ng		99
80) Benzo(a)anthracene	14.11	228	872569	52.57	ng		99
81) 3,3'-Dichlorobenzidine	14.06	252	261956	50.02	ng		99
82) Chrysene	14.14	228	846474	55.20	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	731111	58.67	ng	#	98
84) Di-n-octyl phthalate	14.70	149	1178525	62.10	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	872135	72.88	ng		98
87) Benzo(b)fluoranthene	15.15	252	1019458	52.15	ng		99
88) Benzo(k)fluoranthene	15.18	252	693657m	43.99	ng		
89) Benzo(a)pyrene	15.51	252	857390	52.93	ng	#	95
90) Dibenzo(a,h)anthracene	17.07	278	740636	53.56	ng		96
91) Benzo(g,h,i)perylene	17.49	276	685600	49.31	ng		97

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

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