Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080750.D
Acq On : 31 Jul 2015 23:29
Operator : TP/UM
Sample : G3125-17MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MSD

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:55:58 AM

Quant Time: Aug 03 14:14:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 03 14:00:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127560	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	456208	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	222162	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	411014	20.00	ng		0.00
75) Chrysene-d12	14.00	240	271941	20.00	ng		0.00
86) Perylene-d12	15.41	264	247518	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1130398	152.02	ng		0.02
7) Phenol-d6	6.49	99	1341081	132.48	ng		0.00
23) Nitrobenzene-d5	7.41	82	946106	100.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	342859	148.73	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1511958	101.53	ng		0.00
78) Terphenyl-d14	12.96	244	1131642	78.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	151922	41.43	ng		99
3) Pyridine	3.29	79	319564	31.41	ng		96
4) n-Nitrosodimethylamine	3.23	42	278791	47.94	ng		96
6) Aniline	6.52	93	365545	25.08	ng		99
8) 2-Chlorophenol	6.64	128	370332	44.43	ng		97
9) Benzaldehyde	6.40	77	103131	14.30	ng		87
10) Phenol	6.50	94	557744	47.61	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	360093	43.03	ng		99
12) 1,3-Dichlorobenzene	6.80	146	425121	45.82	ng		97
13) 1,4-Dichlorobenzene	6.88	146	427764	45.19	ng		96
14) 1,2-Dichlorobenzene	7.02	146	421417	48.71	ng		96
15) Benzyl Alcohol	7.00	79	391096	46.52	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	884411	49.46	ng		98
17) 2-Methylphenol	7.10	107	322959	47.21	ng		98
18) Hexachloroethane	7.37	117	157731	44.65	ng	#	89
19) n-Nitroso-di-n-propylamine	7.28	70	337877	49.56	ng	#	92
20) 3+4-Methylphenols	7.26	107	417866	49.50	ng	#	84
22) Acetophenone	7.26	105	548526	49.81	ng	#	90
24) Nitrobenzene	7.44	77	495068	52.45	ng		96
25) Isophorone	7.68	82	842119	50.26	ng		98
26) 2-Nitrophenol	7.76	139	200878	52.43	ng	#	85
27) 2,4-Dimethylphenol	7.79	122	369188	51.29	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	536232	54.03	ng		100
29) 2,4-Dichlorophenol	8.00	162	328116	51.29	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	337477	48.37	ng		97
31) Naphthalene	8.16	128	1050170	46.12	ng		100
32) Benzoic acid	7.87	122	72762	14.64	ng		100
33) 4-Chloroaniline	8.20	127	173840	18.09	ng	#	90
34) Hexachlorobutadiene	8.28	225	222694	49.44	ng		99
35) Caprolactam	8.57	113	89561m	46.75	ng		
36) 4-Chloro-3-methylphenol	8.69	107	377233	54.69	ng	#	87
37) 2-Methylnaphthalene	8.85	142	725900	50.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	308791	44.26	ng		98
40) Hexachlorocyclopentadiene	9.00	237	360111	83.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	267321	55.08	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	211618	43.96	ng	#	94
45) 1,1'-Biphenyl	9.31	154	766584	45.00	ng		95
46) 2-Chloronaphthalene	9.33	162	625886	44.99	ng	#	91
47) 2-Nitroaniline	9.42	65	273052	50.44	ng	#	70
48) Acenaphthylene	9.76	152	1091102	49.32	ng		99
49) Dimethylphthalate	9.62	163	1075393	68.69	ng		99
50) 2,6-Dinitrotoluene	9.68	165	178255	53.65	ng		95
51) Acenaphthene	9.93	154	674896	50.00	ng		99
52) 3-Nitroaniline	9.84	138	111555	29.10	ng	#	52
53) 2,4-Dinitrophenol	9.94	184	112418	63.53	ng		96
54) Dibenzofuran	10.10	168	913216	50.59	ng		97
55) 4-Nitrophenol	10.00	139	227614	80.58	ng	#	56
56) 2,4-Dinitrotoluene	10.08	165	241469	55.42	ng		93
57) Fluorene	10.43	166	657978	46.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	187023	51.51	ng		98
59) Diethylphthalate	10.32	149	793181	52.56	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	345410	57.45	ng		92
61) 4-Nitroaniline	10.45	138	164974	47.66	ng		95
62) Azobenzene	10.59	77	915280	55.99	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	101741	41.10	ng		89
65) n-Nitrosodiphenylamine	10.54	169	584876	43.41	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	210750	49.67	ng	#	92
67) Hexachlorobenzene	10.98	284	218545	44.55	ng		93
68) Atrazine	11.08	200	200416	61.64	ng		90
69) Pentachlorophenol	11.17	266	263724	88.84	ng		99
70) Phenanthrene	11.39	178	892444	43.10	ng		99
71) Anthracene	11.45	178	1016219	49.95	ng		99
72) Carbazole	11.60	167	801601	45.39	ng		99
73) Di-n-butylphthalate	11.94	149	1083216	49.46	ng		99
74) Fluoranthene	12.58	202	956670	47.79	ng		97
76) Benzidine	12.69	184	258414	26.10	ng		99
77) Pyrene	12.81	202	933254	44.25	ng		99
79) Butylbenzylphthalate	13.43	149	381608	43.67	ng		87
80) Benzo(a)anthracene	13.99	228	662641	40.52	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	174368	31.24	ng	#	97
82) Chrysene	14.02	228	592947	37.35	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	511256	48.69	ng	#	93
84) Di-n-octyl phthalate	14.60	149	824846	46.85	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	696098	48.42	ng	#	89
87) Benzo(b)fluoranthene	15.00	252	689871m	46.66	ng		
88) Benzo(k)fluoranthene	15.04	252	464206m	38.15	ng		
89) Benzo(a)pyrene	15.36	252	571636	47.10	ng	#	98
90) Dibenzo(a,h)anthracene	16.81	278	585421	53.88	ng	#	97
91) Benzo(g,h,i)perylene	17.21	276	577745	54.03	ng		98

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

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