Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078447.D
Acq On : 11 Apr 2015 19:12
Operator : TP/IZ
Sample : G1787-20MS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD01AMS

Manual Integrations APPROVED
apatel
4/13/2015 4:19:15 PM

Quant Time: Apr 13 05:48:34 2015
Quant Method : Y:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 05:33:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	27525	20.00	ng		0.00
21) Naphthalene-d8	8.44	136	117987	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	59395	20.00	ng		-0.01
63) Phenanthrene-d10	12.42	188	120757	20.00	ng		0.00
75) Chrysene-d12	15.69	240	130080	20.00	ng		0.00
86) Perylene-d12	17.38	264	128873	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	224226	134.31	ng		0.01
7) Phenol-d6	6.46	99	268392	128.28	ng		0.00
23) Nitrobenzene-d5	7.56	82	182989	94.01	ng		0.00
41) 2,4,6-Tribromophenol	11.57	330	79573	161.54	ng		0.00
44) 2-Fluorobiphenyl	9.79	172	424035	102.05	ng		0.00
78) Terphenyl-d14	14.42	244	529158	91.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	19099	25.30	ng		97
3) Pyridine	2.28	79	51030	25.81	ng		99
4) n-Nitrosodimethylamine	2.20	42	30127	39.58	ng	#	73
6) Aniline	6.45	93	32727	11.03	ng		91
8) 2-Chlorophenol	6.59	128	88622	44.89	ng		92
9) Benzaldehyde	6.30	77	16970	12.24	ng		99
10) Phenol	6.48	94	90649	36.16	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	83148	46.12	ng		96
12) 1,3-Dichlorobenzene	6.78	146	89903	41.46	ng	#	91
13) 1,4-Dichlorobenzene	6.89	146	94060	43.10	ng	#	94
14) 1,2-Dichlorobenzene	7.06	146	87886	42.94	ng		97
15) Benzyl Alcohol	7.06	79	69709	47.41	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	114985	47.82	ng		94
17) 2-Methylphenol	7.23	107	67377	43.96	ng		97
18) Hexachloroethane	7.48	117	26142	35.52	ng		93
19) n-Nitroso-di-n-propylamine	7.40	70	64816	46.95	ng		98
20) 3+4-Methylphenols	7.42	107	88006	43.04	ng		97
22) Acetophenone	7.38	105	128322	46.68	ng	#	89
24) Nitrobenzene	7.58	77	92717	45.56	ng	#	83
25) Isophorone	7.89	82	166809	45.15	ng		100
26) 2-Nitrophenol	7.98	139	38501	39.70	ng		96
27) 2,4-Dimethylphenol	8.06	122	77670	43.07	ng		92
28) bis(2-Chloroethoxy)methane	8.18	93	106858	45.11	ng		98
29) 2,4-Dichlorophenol	8.29	162	75989	46.32	ng		96
30) 1,2,4-Trichlorobenzene	8.37	180	79354	42.19	ng	#	95
31) Naphthalene	8.46	128	273267	44.50	ng		100
32) Benzoic acid	8.20	122	40684	47.98	ng		97
33) 4-Chloroaniline	8.56	127	40577	15.92	ng		97
34) Hexachlorobutadiene	8.62	225	45911	44.45	ng		98
35) Caprolactam	8.98	113	18149	37.06	ng		94
36) 4-Chloro-3-methylphenol	9.17	107	76119	45.99	ng		98
37) 2-Methylnaphthalene	9.32	142	193498	46.41	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	82515	44.84	ng		99
40) Hexachlorocyclopentadiene	9.52	237	8847	17.03	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.69	196	55620	47.92	ng		98
43) 2,4,5-Trichlorophenol	9.73	196	58705	48.41	ng	#	92
45) 1,1'-Biphenyl	9.90	154	232922	47.94	ng		100
46) 2-Chloronaphthalene	9.92	162	179334	46.92	ng		99
47) 2-Nitroaniline	10.06	65	50571	53.47	ng	#	52
48) Acenaphthylene	10.42	152	277922	45.02	ng		99
49) Dimethylphthalate	10.30	163	217138	48.66	ng	#	97
50) 2,6-Dinitrotoluene	10.37	165	43978	47.90	ng	#	76
51) Acenaphthene	10.64	154	165514	47.63	ng		98
52) 3-Nitroaniline	10.57	138	37202	35.64	ng		94
53) 2,4-Dinitrophenol	10.72	184	2660	17.40	ng		99
54) Dibenzofuran	10.85	168	264204	49.77	ng		97
55) 4-Nitrophenol	10.82	139	59585m	77.60	ng		
56) 2,4-Dinitrotoluene	10.86	165	56106	47.19	ng	#	83
57) Fluorene	11.28	166	219067	50.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	45766	50.91	ng	#	97
59) Diethylphthalate	11.17	149	215024	49.98	ng		100
60) 4-Chlorophenyl-phenylether	11.29	204	96080	48.54	ng	#	79
61) 4-Nitroaniline	11.32	138	56106	53.17	ng		95
62) Azobenzene	11.48	77	204191	52.00	ng		94
64) 4,6-Dinitro-2-methylphenol	11.37	198	3843	13.83	ng	#	69
65) n-Nitrosodiphenylamine	11.44	169	181109	43.36	ng		99
66) 4-Bromophenyl-phenylether	11.89	248	59510	46.53	ng	#	83
67) Hexachlorobenzene	11.94	284	61710	44.03	ng	#	86
68) Atrazine	12.12	200	58200	48.11	ng		97
69) Pentachlorophenol	12.20	266	58578	92.88	ng		100
70) Phenanthrene	12.45	178	327744	46.92	ng		99
71) Anthracene	12.51	178	312050	45.34	ng		99
72) Carbazole	12.73	167	311281	48.26	ng		99
73) Di-n-butylphthalate	13.20	149	391975	53.64	ng		99
74) Fluoranthene	13.92	202	363315	49.32	ng		94
76) Benzidine	14.11	184	107539	21.47	ng		97
77) Pyrene	14.19	202	378882	46.40	ng		99
79) Butylbenzylphthalate	15.04	149	165530	53.19	ng		96
80) Benzo(a)anthracene	15.68	228	368712	47.64	ng		100
81) 3,3'-Dichlorobenzidine	15.67	252	117806	45.45	ng	#	98
82) Chrysene	15.71	228	334899	46.06	ng		99
83) Bis(2-ethylhexyl)phthalate	15.77	149	261938	53.66	ng		99
84) Di-n-octyl phthalate	16.55	149	453408	56.57	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.63	276	376652	45.65	ng	#	87
87) Benzo(b)fluoranthene	16.95	252	430303	54.03	ng	#	96
88) Benzo(k)fluoranthene	16.98	252	288003m	40.69	ng		
89) Benzo(a)pyrene	17.32	252	351128	50.51	ng		99
90) Dibenzo(a,h)anthracene	18.65	278	308659	44.35	ng		100
91) Benzo(g,h,i)perylene	18.98	276	307406	44.06	ng		99

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

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