Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078466.D
Acq On : 13 Apr 2015 18:07
Operator : TP/IZ
Sample : G1787-18MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SD07CMSD

Manual Integrations APPROVED
apatel
4/14/2015 5:25:03 PM

Quant Time: Apr 14 01:36:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 01:02:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	27359	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	112602	20.00	ng		0.00
38) Acenaphthene-d10	10.57	164	59065	20.00	ng		0.00
63) Phenanthrene-d10	12.39	188	115711	20.00	ng		0.00
75) Chrysene-d12	15.65	240	117018	20.00	ng		-0.01
86) Perylene-d12	17.37	264	111869	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	219231	132.12	ng		0.00
7) Phenol-d6	6.43	99	287785	138.39	ng		0.00
23) Nitrobenzene-d5	7.53	82	146750	78.99	ng		-0.01
41) 2,4,6-Tribromophenol	11.54	330	69082	141.02	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	282970	68.48	ng		0.00
78) Terphenyl-d14	14.38	244	349259	67.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	71807	95.70	ng	#	23
3) Pyridine	2.22	79	88454	45.00	ng		96
4) n-Nitrosodimethylamine	2.16	42	40457m	53.47	ng		
6) Aniline	6.42	93	78079	26.48	ng		95
8) 2-Chlorophenol	6.56	128	92545	47.17	ng		94
9) Benzaldehyde	6.27	77	24972	18.12	ng		92
10) Phenol	6.44	94	119641	48.02	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	86514	48.28	ng		99
12) 1,3-Dichlorobenzene	6.75	146	97163	45.08	ng	#	91
13) 1,4-Dichlorobenzene	6.86	146	96905	44.67	ng	#	94
14) 1,2-Dichlorobenzene	7.03	146	93370	45.90	ng		99
15) Benzyl Alcohol	7.04	79	74175	50.76	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.21	45	113333	47.42	ng		94
17) 2-Methylphenol	7.20	107	71570	46.98	ng		97
18) Hexachloroethane	7.45	117	34737	47.48	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	67287	49.04	ng		95
20) 3+4-Methylphenols	7.39	107	96640	47.55	ng		94
22) Acetophenone	7.35	105	128107	48.83	ng	#	89
24) Nitrobenzene	7.55	77	89762	46.22	ng	#	83
25) Isophorone	7.86	82	174842	49.59	ng		99
26) 2-Nitrophenol	7.95	139	45769	49.46	ng		96
27) 2,4-Dimethylphenol	8.03	122	81009	47.07	ng		93
28) bis(2-Chloroethoxy)methane	8.15	93	105221	46.54	ng		98
29) 2,4-Dichlorophenol	8.26	162	78046	49.85	ng		97
30) 1,2,4-Trichlorobenzene	8.34	180	80578	44.89	ng		96
31) Naphthalene	8.43	128	268537	45.82	ng		99
32) Benzoic acid	8.16	122	18715	26.13	ng		97
33) 4-Chloroaniline	8.52	127	67141	27.61	ng		98
34) Hexachlorobutadiene	8.59	225	46381	47.06	ng		97
35) Caprolactam	8.95	113	25305	54.15	ng		94
36) 4-Chloro-3-methylphenol	9.15	107	83301	52.73	ng		87
37) 2-Methylnaphthalene	9.29	142	187044	47.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	80309	43.88	ng		98
40) Hexachlorocyclopentadiene	9.48	237	65217	82.54	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	56323	48.80	ng		97
43) 2,4,5-Trichlorophenol	9.70	196	60208	49.93	ng	#	91
45) 1,1'-Biphenyl	9.87	154	219596	45.45	ng		99
46) 2-Chloronaphthalene	9.88	162	171597	45.14	ng		99
47) 2-Nitroaniline	10.03	65	49480	52.61	ng	#	65
48) Acenaphthylene	10.39	152	272804	44.44	ng		99
49) Dimethylphthalate	10.27	163	233392	52.60	ng		99
50) 2,6-Dinitrotoluene	10.34	165	44076	48.28	ng	#	59
51) Acenaphthene	10.60	154	156217	45.20	ng		100
52) 3-Nitroaniline	10.54	138	36406	35.07	ng		90
53) 2,4-Dinitrophenol	10.68	184	15708	53.62	ng	#	90
54) Dibenzofuran	10.82	168	254672	48.25	ng		98
55) 4-Nitrophenol	10.79	139	66818	87.16	ng		90
56) 2,4-Dinitrotoluene	10.83	165	59727	50.51	ng	#	70
57) Fluorene	11.24	166	209021	48.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.98	232	47234	52.84	ng		100
59) Diethylphthalate	11.14	149	210929	49.30	ng		96
60) 4-Chlorophenyl-phenylether	11.26	204	91829	46.65	ng	#	75
61) 4-Nitroaniline	11.29	138	47342	45.11	ng		98
62) Azobenzene	11.45	77	198583	50.86	ng		96
64) 4,6-Dinitro-2-methylphenol	11.34	198	22738	41.09	ng	#	61
65) n-Nitrosodiphenylamine	11.42	169	175144	43.76	ng		98
66) 4-Bromophenyl-phenylether	11.86	248	58369	47.63	ng	#	84
67) Hexachlorobenzene	11.91	284	59333	44.18	ng	#	90
68) Atrazine	12.09	200	61506	53.06	ng		97
69) Pentachlorophenol	12.17	266	57539	95.01	ng		98
70) Phenanthrene	12.42	178	306361	45.77	ng		99
71) Anthracene	12.48	178	299544	45.42	ng		100
72) Carbazole	12.70	167	295790	47.85	ng		99
73) Di-n-butylphthalate	13.17	149	370277	52.88	ng		99
74) Fluoranthene	13.89	202	331860	47.01	ng		91
76) Benzidine	14.08	184	151982	33.73	ng		97
77) Pyrene	14.16	202	344689	46.92	ng		99
79) Butylbenzylphthalate	15.01	149	162025	57.87	ng		86
80) Benzo(a)anthracene	15.63	228	313135	44.98	ng		99
81) 3,3'-Dichlorobenzidine	15.62	252	92809	39.80	ng	#	96
82) Chrysene	15.68	228	299461	45.78	ng		99
83) Bis(2-ethylhexyl)phthalate	15.73	149	254677	58.00	ng	#	95
84) Di-n-octyl phthalate	16.53	149	423126	58.68	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.62	276	352088	47.43	ng	#	87
87) Benzo(b)fluoranthene	16.93	252	329537	47.66	ng	#	97
88) Benzo(k)fluoranthene	16.96	252	285217m	46.42	ng		
89) Benzo(a)pyrene	17.31	252	297927	49.38	ng		99
90) Dibenzo(a,h)anthracene	18.65	278	288994	47.84	ng		98
91) Benzo(g,h,i)perylene	18.97	276	285052	47.06	ng		98

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

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