Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082618.D
Acq On : 31 Oct 2015 13:38
Operator : UM/IZ
Sample : G4191-02MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-26-CMSD

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:37 PM

Quant Time: Nov 02 04:23:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	230115	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	829897	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	433517	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	779514	20.00	ng		0.00
75) Chrysene-d12	14.08	240	455897	20.00	ng		0.00
86) Perylene-d12	15.55	264	471507	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1915753	125.39	ng		0.02
7) Phenol-d6	6.54	99	2316673	114.14	ng		0.01
23) Nitrobenzene-d5	7.47	82	1619502	79.69	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	600733	126.62	ng		0.01
44) 2-Fluorobiphenyl	9.28	172	2090603	68.47	ng		0.00
78) Terphenyl-d14	13.03	244	1614771	77.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	214326	30.34	ng		88
3) Pyridine	3.33	79	644348	31.12	ng		98
4) n-Nitrosodimethylamine	3.28	42	395951	33.97	ng		97
6) Aniline	6.57	93	886269	31.36	ng		91
8) 2-Chlorophenol	6.69	128	635505	38.44	ng	#	81
9) Benzaldehyde	6.44	77	260837	18.82	ng		99
10) Phenol	6.56	94	778290	33.84	ng		81
11) bis(2-Chloroethyl)ether	6.65	93	724185	42.68	ng		88
12) 1,3-Dichlorobenzene	6.85	146	694735m	36.85	ng		
13) 1,4-Dichlorobenzene	6.92	146	654938	35.03	ng		99
14) 1,2-Dichlorobenzene	7.08	146	714411	41.17	ng		98
15) Benzyl Alcohol	7.05	79	690642	36.49	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1089437	40.40	ng		93
17) 2-Methylphenol	7.16	107	545696	38.82	ng		96
18) Hexachloroethane	7.42	117	264655	36.27	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	607990	39.51	ng		88
20) 3+4-Methylphenols	7.32	107	762928	41.77	ng		94
22) Acetophenone	7.32	105	972797	39.82	ng	#	85
24) Nitrobenzene	7.49	77	904295	44.02	ng		92
25) Isophorone	7.73	82	1486066	39.75	ng		99
26) 2-Nitrophenol	7.81	139	347405	46.29	ng	#	64
27) 2,4-Dimethylphenol	7.85	122	581725	39.71	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	900291	44.02	ng		97
29) 2,4-Dichlorophenol	8.05	162	604341	45.26	ng		92
30) 1,2,4-Trichlorobenzene	8.13	180	557415	37.62	ng		99
31) Naphthalene	8.21	128	1706688	38.01	ng		100
32) Benzoic acid	7.95	122	179316	16.87	ng		97
33) 4-Chloroaniline	8.26	127	465239	24.27	ng		97
34) Hexachlorobutadiene	8.34	225	365593	38.79	ng		100
35) Caprolactam	8.64	113	178470m	43.57	ng		
36) 4-Chloro-3-methylphenol	8.75	107	680924	43.31	ng		95
37) 2-Methylnaphthalene	8.91	142	1222351	42.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	613387	42.40	ng		99
40) Hexachlorocyclopentadiene	9.07	237	467020	51.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	400581	38.35	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	452909	43.52	ng	#	88
45) 1,1'-Biphenyl	9.38	154	1578790	43.11	ng		99
46) 2-Chloronaphthalene	9.40	162	1239357	43.34	ng		99
47) 2-Nitroaniline	9.49	65	495547	44.58	ng	#	71
48) Acenaphthylene	9.81	152	1691942	36.99	ng		100
49) Dimethylphthalate	9.69	163	1915519	54.10	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	282428	38.49	ng		86
51) Acenaphthene	9.98	154	1208188	41.61	ng		99
52) 3-Nitroaniline	9.90	138	242914	29.75	ng	#	62
53) 2,4-Dinitrophenol	10.01	184	281228	72.61	ng	#	16
54) Dibenzofuran	10.16	168	1486995	37.74	ng		100
55) 4-Nitrophenol	10.06	139	475369	77.39	ng	#	79
56) 2,4-Dinitrotoluene	10.13	165	400385	40.35	ng	#	85
57) Fluorene	10.50	166	1169839	36.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	358046	40.71	ng		91
59) Diethylphthalate	10.38	149	1524679	42.30	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	641578	41.54	ng		98
61) 4-Nitroaniline	10.52	138	322455	41.39	ng		86
62) Azobenzene	10.66	77	1676455	41.24	ng		99
64) 4,6-Dinitro-2-methylphenol	10.54	198	194444	41.36	ng	#	59
65) n-Nitrosodiphenylamine	10.61	169	1074962	40.12	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	375516	42.51	ng		98
67) Hexachlorobenzene	11.06	284	405859	41.44	ng	#	56
68) Atrazine	11.14	200	381429	43.51	ng		98
69) Pentachlorophenol	11.24	266	486446	75.32	ng		99
70) Phenanthrene	11.46	178	2110463	48.00	ng		99
71) Anthracene	11.52	178	1953797	44.14	ng		100
72) Carbazole	11.67	167	1599354	41.48	ng		100
73) Di-n-butylphthalate	12.01	149	2106689	42.92	ng		100
74) Fluoranthene	12.65	202	1934590	43.04	ng		99
76) Benzidine	12.76	184	682939	33.22	ng		98
77) Pyrene	12.88	202	1770741	52.45	ng		99
79) Butylbenzylphthalate	13.51	149	823043	55.66	ng		93
80) Benzo(a)anthracene	14.07	228	1345115	46.45	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	348185	34.89	ng		99
82) Chrysene	14.11	228	1273252	48.51	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	1120795	58.47	ng	#	99
84) Di-n-octyl phthalate	14.71	149	1604450	53.66	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	1340096	61.87	ng		99
87) Benzo(b)fluoranthene	15.13	252	1184174	36.42	ng		99
88) Benzo(k)fluoranthene	15.16	252	1064279m	42.97	ng		
89) Benzo(a)pyrene	15.48	252	1116810	43.62	ng		99
90) Dibenzo(a,h)anthracene	17.01	278	1101386	46.10	ng		97
91) Benzo(g,h,i)perylene	17.43	276	1129484	48.78	ng		99

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

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