Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082617.D
Acq On : 31 Oct 2015 13:09
Operator : UM/IZ
Sample : G4191-02MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-26-CMS

Manual Integrations APPROVED
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11/2/2015 4:32:33 PM

Quant Time: Nov 02 04:21:17 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	228239	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	828215	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	415099	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	769609	20.00	ng		0.00
75) Chrysene-d12	14.08	240	454161	20.00	ng		0.00
86) Perylene-d12	15.54	264	478288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1923596	126.94	ng		0.02
7) Phenol-d6	6.54	99	2267349	112.62	ng		0.01
23) Nitrobenzene-d5	7.47	82	1583013	78.05	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	593931	130.74	ng		0.01
44) 2-Fluorobiphenyl	9.28	172	1996794	68.30	ng		0.00
78) Terphenyl-d14	13.03	244	1572020	75.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	222493	31.76	ng		93
3) Pyridine	3.33	79	639514	31.14	ng		94
4) n-Nitrosodimethylamine	3.29	42	395089	34.17	ng		97
6) Aniline	6.57	93	860845	30.71	ng		94
8) 2-Chlorophenol	6.69	128	627696	38.28	ng	#	80
9) Benzaldehyde	6.44	77	265310	19.30	ng		98
10) Phenol	6.56	94	784430	34.39	ng		84
11) bis(2-Chloroethyl)ether	6.65	93	731013	43.44	ng		89
12) 1,3-Dichlorobenzene	6.85	146	724963m	38.77	ng		
13) 1,4-Dichlorobenzene	6.92	146	669612	36.11	ng		99
14) 1,2-Dichlorobenzene	7.08	146	720463	41.86	ng		99
15) Benzyl Alcohol	7.05	79	665993	35.48	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1097719	41.04	ng		94
17) 2-Methylphenol	7.16	107	531094	38.10	ng		95
18) Hexachloroethane	7.42	117	272099	37.60	ng		98
19) n-Nitroso-di-n-propylamine	7.33	70	604523	39.61	ng		89
20) 3+4-Methylphenols	7.32	107	737096	40.68	ng		92
22) Acetophenone	7.32	105	967649	39.69	ng	#	83
24) Nitrobenzene	7.49	77	884859	43.16	ng		91
25) Isophorone	7.73	82	1459538	39.12	ng		99
26) 2-Nitrophenol	7.81	139	346630	46.29	ng	#	66
27) 2,4-Dimethylphenol	7.85	122	559636	38.28	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	910564	44.61	ng		99
29) 2,4-Dichlorophenol	8.05	162	572865	42.99	ng		91
30) 1,2,4-Trichlorobenzene	8.13	180	571767	38.66	ng		99
31) Naphthalene	8.21	128	1740406	38.84	ng		99
32) Benzoic acid	7.94	122	132676	12.51	ng		98
33) 4-Chloroaniline	8.26	127	409870	21.42	ng		96
34) Hexachlorobutadiene	8.34	225	367411	39.07	ng		99
35) Caprolactam	8.64	113	170141m	41.62	ng		
36) 4-Chloro-3-methylphenol	8.75	107	679166	43.28	ng		93
37) 2-Methylnaphthalene	8.91	142	1175612	40.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	621170	44.85	ng		98
40) Hexachlorocyclopentadiene	9.07	237	439075	50.42	ng		98

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Quant Time: Nov 02 04:21:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	392712	39.26	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	442698	44.42	ng	#	89
45) 1,1'-Biphenyl	9.38	154	1555410	44.36	ng		99
46) 2-Chloronaphthalene	9.40	162	1226666	44.80	ng		98
47) 2-Nitroaniline	9.49	65	482906	45.37	ng	#	71
48) Acenaphthylene	9.81	152	1642373	37.50	ng		100
49) Dimethylphthalate	9.69	163	1822737	53.77	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	272325	38.76	ng	#	84
51) Acenaphthene	9.98	154	1101768	39.63	ng		99
52) 3-Nitroaniline	9.90	138	225538	28.85	ng	#	59
53) 2,4-Dinitrophenol	10.01	184	201093	55.92	ng	#	10
54) Dibenzofuran	10.16	168	1453140	38.52	ng		100
55) 4-Nitrophenol	10.06	139	473805	80.55	ng	#	78
56) 2,4-Dinitrotoluene	10.13	165	378148	39.80	ng	#	86
57) Fluorene	10.50	166	1111153	36.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	339480	40.31	ng		92
59) Diethylphthalate	10.38	149	1477165	42.80	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	645937	43.67	ng		98
61) 4-Nitroaniline	10.52	138	301521	40.42	ng		86
62) Azobenzene	10.66	77	1676486	43.07	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	181459	39.09	ng	#	66
65) n-Nitrosodiphenylamine	10.61	169	1043906	39.46	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	368186	42.22	ng		99
67) Hexachlorobenzene	11.06	284	405972	41.98	ng	#	55
68) Atrazine	11.14	200	358154	41.38	ng		99
69) Pentachlorophenol	11.24	266	460094	72.15	ng		99
70) Phenanthrene	11.46	178	1640544	37.79	ng		99
71) Anthracene	11.52	178	1871741	42.83	ng		100
72) Carbazole	11.66	167	1539155	40.43	ng		99
73) Di-n-butylphthalate	12.01	149	2123279	43.81	ng		99
74) Fluoranthene	12.65	202	1512824	34.09	ng		100
76) Benzidine	12.76	184	660741	32.26	ng		97
77) Pyrene	12.88	202	1480227	44.01	ng		99
79) Butylbenzylphthalate	13.51	149	790215	53.65	ng		94
80) Benzo(a)anthracene	14.07	228	1156641	40.09	ng		98
81) 3,3'-Dichlorobenzidine	14.03	252	380711	38.30	ng	#	98
82) Chrysene	14.11	228	1107449	42.35	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	1101940	57.71	ng	#	99
84) Di-n-octyl phthalate	14.69	149	1555924	52.24	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	1291593	59.85	ng		100
87) Benzo(b)fluoranthene	15.13	252	1180599	35.80	ng		98
88) Benzo(k)fluoranthene	15.15	252	869291m	34.60	ng		
89) Benzo(a)pyrene	15.48	252	1001287	38.55	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	1090573	45.00	ng		99
91) Benzo(g,h,i)perylene	17.43	276	1061881	45.21	ng		97

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

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