Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081871.D
Acq On : 29 Sep 2015 7:34
Operator : UM/IZ
Sample : G3717-10MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15MSD

Manual Integrations APPROVED
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9/29/2015 12:11:21 PM

Quant Time: Sep 29 08:36:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	101049	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	388358	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	192484	20.00	ng		0.00
63) Phenanthrene-d10	11.47	188	365737	20.00	ng		0.01
75) Chrysene-d12	14.12	240	343558	20.00	ng		0.00
86) Perylene-d12	15.58	264	253152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	415935	74.72	ng		0.01
7) Phenol-d6	6.56	99	369589	52.76	ng		0.00
23) Nitrobenzene-d5	7.51	82	697726	119.76	ng		0.01
41) 2,4,6-Tribromophenol	10.78	330	327255	167.87	ng		0.01
44) 2-Fluorobiphenyl	9.30	172	1270685	119.82	ng		0.00
78) Terphenyl-d14	13.05	244	1149691	122.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	48762	20.14	ng		88
3) Pyridine	3.36	79	85818	13.62	ng		88
4) n-Nitrosodimethylamine	3.29	42	53012	18.52	ng	#	99
6) Aniline	6.61	93	180471	19.18	ng	#	89
8) 2-Chlorophenol	6.72	128	247134	40.20	ng		97
9) Benzaldehyde	6.48	77	98517	21.48	ng	#	82
10) Phenol	6.57	94	133862	17.04	ng		74
11) bis(2-Chloroethyl)ether	6.66	93	313421	51.44	ng		96
12) 1,3-Dichlorobenzene	6.87	146	312926m	43.10	ng		
13) 1,4-Dichlorobenzene	6.95	146	335713m	44.28	ng		
14) 1,2-Dichlorobenzene	7.11	146	289640	42.87	ng		99
15) Benzyl Alcohol	7.07	79	170122	33.65	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.21	45	439033	50.97	ng		79
17) 2-Methylphenol	7.19	107	176014	35.32	ng	#	85
18) Hexachloroethane	7.44	117	102553	43.21	ng		89
19) n-Nitroso-di-n-propylamine	7.35	70	213626	50.18	ng	#	77
20) 3+4-Methylphenols	7.34	107	198637	31.56	ng	#	34
22) Acetophenone	7.35	105	416900	52.50	ng	#	84
24) Nitrobenzene	7.52	77	319835	50.56	ng	#	68
25) Isophorone	7.76	82	602837	52.21	ng	#	93
26) 2-Nitrophenol	7.84	139	167019	55.00	ng	#	79
27) 2,4-Dimethylphenol	7.87	122	249293	46.67	ng	#	83
28) bis(2-Chloroethoxy)methane	7.98	93	355959	51.91	ng	#	96
29) 2,4-Dichlorophenol	8.08	162	269898	52.10	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	283573	49.04	ng		98
31) Naphthalene	8.24	128	820174m	47.66	ng		
32) Benzoic acid	7.98	122	62685	23.96	ng	#	73
33) 4-Chloroaniline	8.31	127	199426	26.80	ng	#	94
34) Hexachlorobutadiene	8.35	225	161845	47.32	ng		98
36) 4-Chloro-3-methylphenol	8.77	107	257771	50.89	ng	#	79
37) 2-Methylnaphthalene	8.94	142	617000	52.53	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	289301	48.96	ng		99
40) Hexachlorocyclopentadiene	9.09	237	246137	80.88	ng		96
42) 2,4,6-Trichlorophenol	9.21	196	193911	47.87	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.26	196	216127	51.88	ng		96
45) 1,1'-Biphenyl	9.41	154	746565	50.27	ng		94
46) 2-Chloronaphthalene	9.43	162	588441	50.47	ng		94
47) 2-Nitroaniline	9.53	65	181292	52.96	ng		88
48) Acenaphthylene	9.84	152	847510	45.41	ng		96
49) Dimethylphthalate	9.70	163	638812	48.08	ng	#	97
50) 2,6-Dinitrotoluene	9.77	165	164967	57.19	ng	#	92
51) Acenaphthene	10.01	154	596196	53.80	ng		90
52) 3-Nitroaniline	9.94	138	94892	28.43	ng	#	76
53) 2,4-Dinitrophenol	10.05	184	151647	95.20	ng	#	68
54) Dibenzofuran	10.18	168	777697	49.66	ng	#	84
55) 4-Nitrophenol	10.10	139	99657	41.33	ng	#	51
56) 2,4-Dinitrotoluene	10.17	165	208250	56.63	ng	#	83
57) Fluorene	10.53	166	603197	54.29	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	177600	53.74	ng	#	36
59) Diethylphthalate	10.40	149	631019	50.85	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	296803	51.76	ng		96
61) 4-Nitroaniline	10.56	138	143619	42.92	ng	#	45
62) Azobenzene	10.69	77	657186	54.26	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	102064	58.50	ng	#	64
65) n-Nitrosodiphenylamine	10.64	169	530155	47.91	ng		92
66) 4-Bromophenyl-phenylether	11.02	248	199304	54.05	ng	#	88
67) Hexachlorobenzene	11.07	284	216314	51.98	ng	#	86
68) Atrazine	11.19	200	170364	49.62	ng		84
69) Pentachlorophenol	11.27	266	250057	105.45	ng		96
70) Phenanthrene	11.50	178	980567	56.12	ng		95
71) Anthracene	11.54	178	944069	50.79	ng		97
72) Carbazole	11.70	167	868001	51.59	ng		94
73) Di-n-butylphthalate	12.03	149	1003496	58.98	ng	#	99
74) Fluoranthene	12.69	202	1072255	54.73	ng		88
77) Pyrene	12.91	202	1061677m	51.73	ng		
79) Butylbenzylphthalate	13.53	149	444206	57.52	ng		94
80) Benzo(a)anthracene	14.10	228	928065	50.17	ng		96
81) 3,3'-Dichlorobenzidine	14.07	252	38264	6.12	ng	#	96
82) Chrysene	14.14	228	772263	52.02	ng		94
83) Bis(2-ethylhexyl)phthalate	14.08	149	550315	56.80	ng	#	89
84) Di-n-octyl phthalate	14.70	149	929853	58.98	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.05	276	796473	55.03	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	731645	50.62	ng	#	86
88) Benzo(k)fluoranthene	15.19	252	745708m	56.29	ng		
89) Benzo(a)pyrene	15.52	252	681850	54.39	ng	#	87
90) Dibenzo(a,h)anthracene	17.08	278	642563	61.09	ng	#	80
91) Benzo(g,h,i)perylene	17.50	276	683522	63.41	ng	#	77

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

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