Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081070.D
Acq On : 19 Aug 2015 6:56
Operator : UM/IZ
Sample : G3289-11MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MSD

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:18:39 PM

Quant Time: Aug 19 07:36:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	55897	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	225671	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	103114	20.00	ng		-0.02
63) Phenanthrene-d10	11.11	188	211914	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	159410	20.00	ng		-0.02
86) Perylene-d12	15.07	264	150272	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	485373	130.61	ng		0.00
7) Phenol-d6	6.26	99	645053	133.03	ng		0.00
23) Nitrobenzene-d5	7.18	82	380714	77.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	88101	98.57	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	487255	61.92	ng		-0.02
78) Terphenyl-d14	12.70	244	628539	84.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	64253	36.69	ng		95
3) Pyridine	2.71	79	130107	26.32	ng	#	85
4) n-Nitrosodimethylamine	2.66	42	113585	41.27	ng	#	78
6) Aniline	6.27	93	211467	29.99	ng	#	1
8) 2-Chlorophenol	6.39	128	172657	42.44	ng		96
9) Benzaldehyde	6.15	77	120933	38.69	ng		91
10) Phenol	6.27	94	287734	50.24	ng		86
11) bis(2-Chloroethyl)ether	6.35	93	187841	42.75	ng		92
12) 1,3-Dichlorobenzene	6.55	146	186566	42.68	ng		98
13) 1,4-Dichlorobenzene	6.63	146	189158	43.71	ng		99
14) 1,2-Dichlorobenzene	6.78	146	172760	42.65	ng		98
15) Benzyl Alcohol	6.76	79	188895	48.15	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	367691	42.58	ng		100
17) 2-Methylphenol	6.88	107	153506	43.98	ng		96
18) Hexachloroethane	7.12	117	73523	42.04	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	142364	42.38	ng		91
20) 3+4-Methylphenols	7.04	107	193697	43.72	ng	#	51
22) Acetophenone	7.03	105	266125	44.92	ng	#	90
24) Nitrobenzene	7.20	77	233878	45.28	ng		99
25) Isophorone	7.44	82	392330	42.59	ng		98
26) 2-Nitrophenol	7.52	139	99586	46.36	ng	#	61
27) 2,4-Dimethylphenol	7.56	122	169759	44.67	ng		95
28) bis(2-Chloroethoxy)methane	7.66	93	233357	42.88	ng		99
29) 2,4-Dichlorophenol	7.76	162	151858	47.46	ng		92
30) 1,2,4-Trichlorobenzene	7.84	180	151508	42.61	ng		97
31) Naphthalene	7.92	128	561886	44.67	ng		99
32) Benzoic acid	7.66	122	37660	17.62	ng		95
33) 4-Chloroaniline	7.98	127	139525	26.29	ng	#	82
34) Hexachlorobutadiene	8.04	225	85795	42.67	ng		97
35) Caprolactam	8.34	113	55798m	49.90	ng		
36) 4-Chloro-3-methylphenol	8.47	107	192540	50.50	ng		88
37) 2-Methylnaphthalene	8.60	142	340628	42.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	147021	44.19	ng		99
40) Hexachlorocyclopentadiene	8.76	237	160810	93.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	108042	45.97	ng		97
43) 2,4,5-Trichlorophenol	8.92	196	105834	45.06	ng	#	89
45) 1,1'-Biphenyl	9.07	154	449354	49.47	ng		98
46) 2-Chloronaphthalene	9.08	162	303681	41.62	ng	#	90
47) 2-Nitroaniline	9.19	65	121475	40.68	ng		99
48) Acenaphthylene	9.50	152	499195	38.24	ng		98
49) Dimethylphthalate	9.38	163	499505	58.82	ng		99
50) 2,6-Dinitrotoluene	9.44	165	85888	47.11	ng	#	80
51) Acenaphthene	9.67	154	341450	43.70	ng		98
52) 3-Nitroaniline	9.60	138	69798	30.59	ng		99
53) 2,4-Dinitrophenol	9.71	184	70483	71.10	ng	#	45
54) Dibenzofuran	9.85	168	435774	41.62	ng		96
55) 4-Nitrophenol	9.78	139	174201	108.71	ng	#	61
56) 2,4-Dinitrotoluene	9.84	165	115541	47.81	ng	#	77
57) Fluorene	10.18	166	318673	39.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	88579m	48.72	ng		
59) Diethylphthalate	10.08	149	428985	47.73	ng		96
60) 4-Chlorophenyl-phenylether	10.18	204	157027	46.07	ng		98
61) 4-Nitroaniline	10.22	138	100746	43.20	ng		92
62) Azobenzene	10.34	77	501408	48.41	ng		96
64) 4,6-Dinitro-2-methylphenol	10.24	198	56328	44.51	ng		97
65) n-Nitrosodiphenylamine	10.31	169	349069	46.15	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	90747	43.59	ng		93
67) Hexachlorobenzene	10.73	284	103301	49.00	ng	#	89
68) Atrazine	10.83	200	100070	47.48	ng		97
69) Pentachlorophenol	10.92	266	120182	95.01	ng		100
70) Phenanthrene	11.13	178	494376	39.36	ng		99
71) Anthracene	11.19	178	571392	46.75	ng		99
72) Carbazole	11.35	167	588175	49.99	ng		99
73) Di-n-butylphthalate	11.69	149	719991	50.57	ng		99
74) Fluoranthene	12.31	202	539128	39.78	ng		92
76) Benzidine	12.45	184	248102	41.20	ng		98
77) Pyrene	12.54	202	590597	45.57	ng		100
79) Butylbenzylphthalate	13.18	149	335489	60.23	ng		88
80) Benzo(a)anthracene	13.71	228	518207	48.47	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	133343	38.51	ng		98
82) Chrysene	13.76	228	519238	53.89	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	443538	62.16	ng	#	98
84) Di-n-octyl phthalate	14.34	149	726168	66.96	ng		100
85) Indeno(1,2,3-cd)pyrene	16.29	276	349537	51.67	ng	#	93
87) Benzo(b)fluoranthene	14.72	252	542450m	51.03	ng		
88) Benzo(k)fluoranthene	14.74	252	333275m	33.65	ng		
89) Benzo(a)pyrene	15.02	252	392841	42.42	ng	#	96
90) Dibenzo(a,h)anthracene	16.31	278	294575	40.82	ng	#	96
91) Benzo(g,h,i)perylene	16.65	276	282554	38.59	ng	#	90

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

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