Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090003.D
Acq On : 7 Sep 2016 14:23
Operator : UM/SJ
Sample : H4676-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEMP-AB(0-2)-8MS

Manual Integrations APPROVED
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9/8/2016 12:53:13 PM

Quant Time: Sep 07 15:25:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	184401	20.00	ng		-0.02
21) Naphthalene-d8	7.91	136	747225	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	381773	20.00	ng		-0.02
63) Phenanthrene-d10	11.12	188	753712	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	586617	20.00	ng		-0.02
86) Perylene-d12	15.07	264	462885	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1361692	118.20	ng		-0.01
7) Phenol-d6	6.27	99	1732078	123.73	ng		-0.01
23) Nitrobenzene-d5	7.19	82	1002186	77.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.43	330	475394	126.22	ng		-0.02
44) 2-Fluorobiphenyl	8.98	172	1799385	77.37	ng		-0.02
78) Terphenyl-d14	12.70	244	1996843	84.09	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	168398	30.85	ng		98
3) Pyridine	2.73	79	452152	31.05	ng		97
4) n-Nitrosodimethylamine	2.68	42	285078	39.70	ng		100
6) Aniline	6.28	93	587272	30.75	ng	#	48
8) 2-Chlorophenol	6.40	128	497113	39.77	ng		89
9) Benzaldehyde	6.16	77	73362	8.12	ng		96
10) Phenol	6.28	94	708513	43.53	ng		83
11) bis(2-Chloroethyl)ether	6.36	93	528737	42.92	ng		91
12) 1,3-Dichlorobenzene	6.56	146	557827	39.96	ng		99
13) 1,4-Dichlorobenzene	6.64	146	580651	40.66	ng		92
14) 1,2-Dichlorobenzene	6.79	146	539010	42.10	ng		99
15) Benzyl Alcohol	6.78	79	414113	47.22	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	914504	38.93	ng		91
17) 2-Methylphenol	6.89	107	408242	40.90	ng		99
18) Hexachloroethane	7.13	117	198455	40.57	ng		94
19) n-Nitroso-di-n-propylamine	7.05	70	373822	40.98	ng		98
20) 3+4-Methylphenols	7.05	107	546357	45.16	ng	#	76
22) Acetophenone	7.04	105	651144	38.84	ng	#	92
24) Nitrobenzene	7.21	77	546242	39.88	ng	#	81
25) Isophorone	7.45	82	1006705	38.42	ng		99
26) 2-Nitrophenol	7.52	139	284001	43.37	ng		97
27) 2,4-Dimethylphenol	7.58	122	466560	38.52	ng		98
28) bis(2-Chloroethoxy)methane	7.67	93	630778	39.92	ng		99
29) 2,4-Dichlorophenol	7.77	162	479822	44.19	ng		93
30) 1,2,4-Trichlorobenzene	7.85	180	496639	41.84	ng		98
31) Naphthalene	7.93	128	1514794	40.69	ng		99
32) Benzoic acid	7.70	122	195013	23.90	ng		92
33) 4-Chloroaniline	7.99	127	453364	30.19	ng	#	93
34) Hexachlorobutadiene	8.04	225	273860	39.37	ng		98
35) Caprolactam	8.35	113	147244m	42.96	ng		
36) 4-Chloro-3-methylphenol	8.48	107	498109	43.32	ng		93
37) 2-Methylnaphthalene	8.62	142	1071106	43.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	398487	35.63	ng		99
40) Hexachlorocyclopentadiene	8.78	237	489529	85.37	ng		96

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Quant Time: Sep 07 15:25:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	359260	46.35	ng		96
43) 2,4,5-Trichlorophenol	8.95	196	346251	46.46	ng	#	87
45) 1,1'-Biphenyl	9.08	154	1135365	36.94	ng		96
46) 2-Chloronaphthalene	9.10	162	906259	41.68	ng		98
47) 2-Nitroaniline	9.20	65	292575	41.16	ng		95
48) Acenaphthylene	9.51	152	1409239	39.20	ng		100
49) Dimethylphthalate	9.39	163	1519994	55.09	ng		100
50) 2,6-Dinitrotoluene	9.45	165	296458	48.31	ng	#	81
51) Acenaphthene	9.68	154	1007440	44.23	ng		99
52) 3-Nitroaniline	9.61	138	226376	32.34	ng		95
53) 2,4-Dinitrophenol	9.71	184	205385	57.17	ng		98
54) Dibenzofuran	9.85	168	1299359	42.56	ng		98
55) 4-Nitrophenol	9.79	139	437045	82.78	ng	#	69
56) 2,4-Dinitrotoluene	9.85	165	362043	46.52	ng		95
57) Fluorene	10.19	166	923966	41.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	305191	47.83	ng		97
59) Diethylphthalate	10.09	149	1170869	45.10	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	442040	42.11	ng	#	88
61) 4-Nitroaniline	10.23	138	282270	41.04	ng		90
62) Azobenzene	10.35	77	1196483	46.14	ng		90
64) 4,6-Dinitro-2-methylphenol	10.25	198	178821	37.06	ng		90
65) n-Nitrosodiphenylamine	10.32	169	980384	43.27	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	324358	42.75	ng	#	90
67) Hexachlorobenzene	10.74	284	364023	42.00	ng	#	77
68) Atrazine	10.85	200	298019	39.40	ng		99
69) Pentachlorophenol	10.94	266	384202	82.40	ng		99
70) Phenanthrene	11.14	178	1507153	40.15	ng		99
71) Anthracene	11.20	178	1735510	45.59	ng		99
72) Carbazole	11.36	167	1614735	45.24	ng		99
73) Di-n-butylphthalate	11.70	149	1829131	43.97	ng		98
74) Fluoranthene	12.32	202	1607470	40.87	ng		96
76) Benzidine	12.46	184	795398	35.79	ng		96
77) Pyrene	12.55	202	1813678	43.85	ng		99
79) Butylbenzylphthalate	13.18	149	710959	42.62	ng		94
80) Benzo(a)anthracene	13.73	228	1490145	41.47	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	385153	29.70	ng	#	95
82) Chrysene	13.76	228	1153934	34.38	ng		100
83) Bis(2-ethylhexyl)phthalate	13.75	149	969518	42.02	ng		98
84) Di-n-octyl phthalate	14.35	149	1537253	41.28	ng		100
85) Indeno(1,2,3-cd)pyrene	16.30	276	1153553	46.49	ng		100
87) Benzo(b)fluoranthene	14.72	252	1339061m	46.18	ng		
88) Benzo(k)fluoranthene	14.74	252	893089m	36.29	ng		
89) Benzo(a)pyrene	15.03	252	1097683	44.18	ng		99
90) Dibenzo(a,h)anthracene	16.31	278	964647	52.99	ng	#	96
91) Benzo(g,h,i)perylene	16.66	276	996360	54.38	ng		96

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

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