Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051116\
Data File : BF086897.D
Acq On : 11 May 2016 19:38
Operator : UM/SJ
Sample : H2809-01MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-SF-003MS

Manual Integrations APPROVED
umangi
5/12/2016 9:10:01 AM

Quant Time: May 12 01:11:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	176017	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	748799	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	356537	20.00	ng		-0.01
63) Phenanthrene-d10	11.15	188	692002	20.00	ng		0.00
75) Chrysene-d12	13.77	240	455683	20.00	ng		-0.01
86) Perylene-d12	15.13	264	417391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1109305	106.73	ng		0.01
7) Phenol-d6	6.31	99	1527138	109.94	ng		0.00
23) Nitrobenzene-d5	7.21	82	1010838	67.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	438313	116.12	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1660516	78.27	ng		0.00
78) Terphenyl-d14	12.73	244	1383994	64.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	152946	29.97	ng	#	66
3) Pyridine	2.81	79	390221	31.28	ng	#	65
4) n-Nitrosodimethylamine	2.76	42	327099	36.16	ng	#	49
6) Aniline	6.31	93	377609	22.48	ng	#	1
8) 2-Chlorophenol	6.42	128	437019	34.85	ng		86
9) Benzaldehyde	6.18	77	48795	6.07	ng		98
10) Phenol	6.32	94	516961	31.31	ng		88
11) bis(2-Chloroethyl)ether	6.38	93	418846	32.53	ng	#	83
12) 1,3-Dichlorobenzene	6.57	146	442691m	32.62	ng		
13) 1,4-Dichlorobenzene	6.65	146	458798	33.15	ng		95
14) 1,2-Dichlorobenzene	6.80	146	387534	32.13	ng		95
15) Benzyl Alcohol	6.80	79	365896	38.15	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	877501	31.35	ng		75
17) 2-Methylphenol	6.92	107	356808	35.75	ng	#	81
18) Hexachloroethane	7.14	117	175780	33.75	ng		95
19) n-Nitroso-di-n-propylamine	7.06	70	324078	33.38	ng	#	64
20) 3+4-Methylphenols	7.07	107	479066	36.75	ng	#	65
22) Acetophenone	7.05	105	626274	35.41	ng	#	95
24) Nitrobenzene	7.22	77	484110	31.56	ng		94
25) Isophorone	7.47	82	921638	33.31	ng		95
26) 2-Nitrophenol	7.54	139	226113	33.53	ng	#	73
27) 2,4-Dimethylphenol	7.60	122	392294	34.15	ng		89
28) bis(2-Chloroethoxy)methane	7.69	93	569772	38.18	ng		99
29) 2,4-Dichlorophenol	7.79	162	378645	37.45	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	375707	33.24	ng		95
31) Naphthalene	7.94	128	1268701	33.83	ng		99
32) Benzoic acid	7.71	122	39709	5.89	ng		91
33) 4-Chloroaniline	8.01	127	301408	20.68	ng		97
34) Hexachlorobutadiene	8.06	225	214300	32.67	ng		98
35) Caprolactam	8.39	113	110788m	32.21	ng		
36) 4-Chloro-3-methylphenol	8.51	107	423100	34.51	ng		95
37) 2-Methylnaphthalene	8.64	142	819107	37.36	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	344441	33.23	ng	#	97
40) Hexachlorocyclopentadiene	8.79	237	324160	65.88	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	246750	35.60	ng		92
43) 2,4,5-Trichlorophenol	8.97	196	244014	34.04	ng	#	83
45) 1,1'-Biphenyl	9.10	154	969950	34.20	ng		95
46) 2-Chloronaphthalene	9.12	162	720370	32.42	ng		93
47) 2-Nitroaniline	9.23	65	328699	40.48	ng		88
48) Acenaphthylene	9.53	152	1079231	33.02	ng		99
49) Dimethylphthalate	9.42	163	1104602	40.61	ng		100
50) 2,6-Dinitrotoluene	9.47	165	193359	33.78	ng	#	81
51) Acenaphthene	9.70	154	687754	33.83	ng		99
52) 3-Nitroaniline	9.64	138	166555	27.64	ng		91
53) 2,4-Dinitrophenol	9.75	184	132787	48.72	ng	#	64
54) Dibenzofuran	9.87	168	999819	38.31	ng		93
55) 4-Nitrophenol	9.84	139	283821	71.16	ng		92
56) 2,4-Dinitrotoluene	9.87	165	226981	32.04	ng	#	56
57) Fluorene	10.22	166	732744	32.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	207918	38.52	ng		97
59) Diethylphthalate	10.11	149	961634	36.28	ng		97
60) 4-Chlorophenyl-phenylether	10.22	204	391840	39.17	ng	#	87
61) 4-Nitroaniline	10.26	138	205173	35.45	ng	#	70
62) Azobenzene	10.38	77	1153059	40.32	ng		88
64) 4,6-Dinitro-2-methylphenol	10.28	198	144567	33.63	ng	#	62
65) n-Nitrosodiphenylamine	10.34	169	782642	36.81	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	227240	32.39	ng		90
67) Hexachlorobenzene	10.76	284	291658	35.57	ng		96
68) Atrazine	10.87	200	235236	33.12	ng		94
69) Pentachlorophenol	10.97	266	280462	74.01	ng		97
70) Phenanthrene	11.18	178	1320901	35.77	ng		100
71) Anthracene	11.22	178	1155179	30.59	ng		100
72) Carbazole	11.38	167	1087684	33.50	ng		98
73) Di-n-butylphthalate	11.72	149	1447278	36.50	ng		99
74) Fluoranthene	12.35	202	1265772	33.32	ng		96
76) Benzidine	12.49	184	296223	25.50	ng		96
77) Pyrene	12.58	202	1353937	38.81	ng		100
79) Butylbenzylphthalate	13.21	149	593886	40.25	ng	#	78
80) Benzo(a)anthracene	13.76	228	954720	37.32	ng		100
81) 3,3'-Dichlorobenzidine	13.74	252	225204	13.86	ng	#	96
82) Chrysene	13.81	228	1023013	39.31	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	698114	39.33	ng		97
84) Di-n-octyl phthalate	14.38	149	1171128	39.83	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.39	276	818360	37.80	ng		95
87) Benzo(b)fluoranthene	14.77	252	904343m	33.34	ng		
88) Benzo(k)fluoranthene	14.79	252	797939m	35.92	ng		
89) Benzo(a)pyrene	15.09	252	830181	35.48	ng	#	97
90) Dibenzo(a,h)anthracene	16.40	278	670243	33.99	ng		96
91) Benzo(g,h,i)perylene	16.77	276	692149	34.54	ng	#	92

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

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