Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085026.D
Acq On : 11 Feb 2016 19:07
Operator : SJ/IZ
Sample : H1377-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB03-2-3MS

Manual Integrations APPROVED
Sohil
2/12/2016 12:26:12 PM

Quant Time: Feb 11 22:32:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	144425	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	594143	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	278648	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	523086	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	327531	20.00	ng		-0.01
86) Perylene-d12	15.12	264	296027	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1391231	150.04	ng		0.01
7) Phenol-d6	6.27	99	1653312	143.83	ng		-0.01
23) Nitrobenzene-d5	7.19	82	1031403	97.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	433752	149.23	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1562003	100.58	ng		-0.01
78) Terphenyl-d14	12.72	244	1556334	107.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	142294	35.04	ng	#	77
3) Pyridine	2.75	79	358900	33.92	ng	#	76
4) n-Nitrosodimethylamine	2.71	42	224166	40.96	ng		80
6) Aniline	6.27	93	378811	26.93	ng	#	82
8) 2-Chlorophenol	6.40	128	466512	44.45	ng		96
9) Benzaldehyde	6.15	77	129725	19.11	ng		97
10) Phenol	6.28	94	458762	35.63	ng		86
11) bis(2-Chloroethyl)ether	6.36	93	440847m	43.90	ng		
12) 1,3-Dichlorobenzene	6.55	146	453562	40.90	ng	#	95
13) 1,4-Dichlorobenzene	6.63	146	473711	42.73	ng		96
14) 1,2-Dichlorobenzene	6.78	146	398296	38.58	ng		94
15) Benzyl Alcohol	6.76	79	372183	46.89	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.90	45	670473	39.69	ng		81
17) 2-Methylphenol	6.89	107	348057	41.93	ng	#	90
18) Hexachloroethane	7.12	117	176332	41.31	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	327003	45.38	ng	#	72
20) 3+4-Methylphenols	7.05	107	453973	44.06	ng		88
22) Acetophenone	7.04	105	669159	42.73	ng	#	95
24) Nitrobenzene	7.21	77	478551	42.37	ng	#	85
25) Isophorone	7.45	82	887422	43.27	ng		98
26) 2-Nitrophenol	7.52	139	232102	41.67	ng	#	82
27) 2,4-Dimethylphenol	7.58	122	404131	41.71	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	583881	47.99	ng		100
29) 2,4-Dichlorophenol	7.77	162	388220	46.83	ng		99
30) 1,2,4-Trichlorobenzene	7.85	180	389167	41.56	ng	#	93
31) Naphthalene	7.92	128	1199039	40.23	ng		99
32) Benzoic acid	7.68	122	58068	9.37	ng		96
33) 4-Chloroaniline	7.98	127	209179	16.97	ng		97
34) Hexachlorobutadiene	8.04	225	231281	42.84	ng		99
35) Caprolactam	8.36	113	115830m	45.33	ng		
36) 4-Chloro-3-methylphenol	8.48	107	415461	43.93	ng		93
37) 2-Methylnaphthalene	8.62	142	904547	48.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	340972	38.53	ng		99
40) Hexachlorocyclopentadiene	8.76	237	259070	69.93	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	256694	45.02	ng		94
43) 2,4,5-Trichlorophenol	8.95	196	266888	46.07	ng	#	90
45) 1,1'-Biphenyl	9.08	154	1004311	40.35	ng		94
46) 2-Chloronaphthalene	9.10	162	726854	39.66	ng		97
47) 2-Nitroaniline	9.21	65	265200	45.70	ng	#	61
48) Acenaphthylene	9.51	152	1125528	40.47	ng		99
49) Dimethylphthalate	9.39	163	1099320	51.80	ng	#	90
50) 2,6-Dinitrotoluene	9.45	165	177269	38.24	ng	#	49
51) Acenaphthene	9.68	154	703292	38.87	ng		97
52) 3-Nitroaniline	9.62	138	152351	29.24	ng	#	72
53) 2,4-Dinitrophenol	9.74	184	151060	71.28	ng	#	84
54) Dibenzofuran	9.86	168	1048124	47.39	ng		99
55) 4-Nitrophenol	9.80	139	246111	64.28	ng	#	77
56) 2,4-Dinitrotoluene	9.86	165	272928	46.15	ng	#	83
57) Fluorene	10.19	166	750631	40.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	211913	48.05	ng		87
59) Diethylphthalate	10.09	149	853996	41.21	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	366305	47.64	ng		97
61) 4-Nitroaniline	10.24	138	231305	45.56	ng		85
62) Azobenzene	10.35	77	930646	46.70	ng		91
64) 4,6-Dinitro-2-methylphenol	10.26	198	124662	38.61	ng	#	51
65) n-Nitrosodiphenylamine	10.32	169	730504	43.98	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	246904	42.74	ng		99
67) Hexachlorobenzene	10.74	284	252914	40.18	ng	#	89
68) Atrazine	10.86	200	266918	50.89	ng		96
69) Pentachlorophenol	10.95	266	239338	80.90	ng		99
70) Phenanthrene	11.15	178	1212705	41.80	ng		98
71) Anthracene	11.20	178	1184008	40.50	ng		99
72) Carbazole	11.37	167	1124549	44.11	ng		97
73) Di-n-butylphthalate	11.70	149	1273159	39.23	ng	#	96
74) Fluoranthene	12.33	202	1089140	37.09	ng		99
76) Benzidine	12.47	184	311719	27.27	ng		97
77) Pyrene	12.56	202	1111622	44.33	ng		99
79) Butylbenzylphthalate	13.20	149	536911	47.20	ng	#	87
80) Benzo(a)anthracene	13.75	228	930863	45.79	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	154038	21.40	ng	#	95
82) Chrysene	13.78	228	693782	35.19	ng		100
83) Bis(2-ethylhexyl)phthalate	13.76	149	655834	46.33	ng		97
84) Di-n-octyl phthalate	14.37	149	999702	42.80	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	854791	55.09	ng		98
87) Benzo(b)fluoranthene	14.75	252	943899m	47.46	ng		
88) Benzo(k)fluoranthene	14.78	252	571443m	34.75	ng		
89) Benzo(a)pyrene	15.06	252	716568	42.28	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	699255	49.02	ng		96
91) Benzo(g,h,i)perylene	16.74	276	728039	50.66	ng		98

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

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