Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085027.D
Acq On : 11 Feb 2016 19:35
Operator : SJ/IZ
Sample : H1377-12MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB03-2-3MSD

Manual Integrations APPROVED
Sohil
2/12/2016 12:26:14 PM

Quant Time: Feb 11 22:33:44 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	137858	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	588903	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	272632	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	509311	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	316969	20.00	ng		-0.01
86) Perylene-d12	15.11	264	277907	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1353449	152.92	ng		0.01
7) Phenol-d6	6.27	99	1589426	144.86	ng		-0.01
23) Nitrobenzene-d5	7.19	82	1011529	96.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	422923	148.72	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1539195	101.83	ng		-0.01
78) Terphenyl-d14	12.72	244	1490143	106.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	136675	35.25	ng	#	71
3) Pyridine	2.74	79	423819	41.96	ng	#	68
4) n-Nitrosodimethylamine	2.71	42	230012	44.03	ng		84
6) Aniline	6.27	93	368306	27.43	ng	#	84
8) 2-Chlorophenol	6.40	128	461459	46.06	ng		96
9) Benzaldehyde	6.15	77	124671	19.24	ng		96
10) Phenol	6.28	94	456131	37.11	ng		88
11) bis(2-Chloroethyl)ether	6.36	93	434185m	45.30	ng		
12) 1,3-Dichlorobenzene	6.55	146	441196	41.68	ng	#	94
13) 1,4-Dichlorobenzene	6.63	146	459881	43.46	ng		95
14) 1,2-Dichlorobenzene	6.78	146	382885	38.85	ng		96
15) Benzyl Alcohol	6.76	79	362827	47.89	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	660062	40.94	ng		83
17) 2-Methylphenol	6.89	107	345930	43.66	ng	#	92
18) Hexachloroethane	7.12	117	170509	41.84	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	319675	46.48	ng	#	72
20) 3+4-Methylphenols	7.05	107	451778	45.94	ng		88
22) Acetophenone	7.04	105	651804	41.99	ng	#	94
24) Nitrobenzene	7.21	77	455970	40.73	ng	#	81
25) Isophorone	7.45	82	862553	42.43	ng		98
26) 2-Nitrophenol	7.52	139	224717	40.70	ng	#	83
27) 2,4-Dimethylphenol	7.58	122	400587	41.71	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	565548	46.90	ng		98
29) 2,4-Dichlorophenol	7.77	162	391048	47.59	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	371082	39.98	ng		98
31) Naphthalene	7.92	128	1198866	40.58	ng		99
32) Benzoic acid	7.68	122	53422	8.70	ng		90
33) 4-Chloroaniline	7.98	127	214148	17.53	ng		98
34) Hexachlorobutadiene	8.04	225	215812	40.33	ng		99
35) Caprolactam	8.36	113	118663m	46.85	ng		
36) 4-Chloro-3-methylphenol	8.48	107	407941	43.52	ng		94
37) 2-Methylnaphthalene	8.62	142	872662	47.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	330527	38.17	ng		98
40) Hexachlorocyclopentadiene	8.76	237	257872	70.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	251535	45.09	ng		95
43) 2,4,5-Trichlorophenol	8.95	196	260220	45.91	ng	#	90
45) 1,1'-Biphenyl	9.08	154	1005458	41.29	ng		95
46) 2-Chloronaphthalene	9.10	162	696296	38.83	ng		97
47) 2-Nitroaniline	9.21	65	268005	47.20	ng	#	67
48) Acenaphthylene	9.51	152	1081486	39.74	ng		98
49) Dimethylphthalate	9.39	163	1078748	51.95	ng	#	90
50) 2,6-Dinitrotoluene	9.45	165	178105	39.26	ng	#	50
51) Acenaphthene	9.68	154	692837	39.13	ng		97
52) 3-Nitroaniline	9.62	138	146110	28.66	ng	#	70
53) 2,4-Dinitrophenol	9.74	184	148906	71.77	ng		87
54) Dibenzofuran	9.86	168	1008741	46.62	ng		98
55) 4-Nitrophenol	9.80	139	238221	63.59	ng	#	77
56) 2,4-Dinitrotoluene	9.86	165	255185	44.11	ng	#	78
57) Fluorene	10.19	166	718382	39.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	208826	48.40	ng	#	86
59) Diethylphthalate	10.09	149	826851	40.78	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	352874	46.77	ng		96
61) 4-Nitroaniline	10.24	138	223809	45.06	ng		83
62) Azobenzene	10.35	77	915316	46.95	ng		91
64) 4,6-Dinitro-2-methylphenol	10.26	198	125584	39.95	ng	#	57
65) n-Nitrosodiphenylamine	10.32	169	718889	44.45	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	245408	43.63	ng		98
67) Hexachlorobenzene	10.74	284	246181	40.16	ng	#	89
68) Atrazine	10.86	200	257404	50.40	ng		97
69) Pentachlorophenol	10.95	266	238875	82.92	ng		98
70) Phenanthrene	11.15	178	1168099	41.35	ng		98
71) Anthracene	11.20	178	1166324	40.97	ng		100
72) Carbazole	11.37	167	1104839	44.51	ng		97
73) Di-n-butylphthalate	11.70	149	1257208	39.79	ng	#	97
74) Fluoranthene	12.33	202	1074239	37.57	ng		99
76) Benzidine	12.47	184	303415	27.40	ng		97
77) Pyrene	12.56	202	1072667	44.20	ng		99
79) Butylbenzylphthalate	13.20	149	513211	46.62	ng	#	84
80) Benzo(a)anthracene	13.75	228	901133	45.81	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	157607	22.63	ng	#	94
82) Chrysene	13.78	228	655309	34.35	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	632137	46.14	ng		98
84) Di-n-octyl phthalate	14.37	149	964005	42.65	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	809084	53.88	ng		99
87) Benzo(b)fluoranthene	14.75	252	880533m	47.16	ng		
88) Benzo(k)fluoranthene	14.78	252	554358m	35.91	ng		
89) Benzo(a)pyrene	15.06	252	688729	43.29	ng		99
90) Dibenzo(a,h)anthracene	16.38	278	671542	50.14	ng	#	96
91) Benzo(g,h,i)perylene	16.74	276	695841	51.58	ng		96

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

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