Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085331.D
Acq On : 10 Mar 2016 14:04
Operator : UM/SJ
Sample : PB88788BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88788BS

Manual Integrations APPROVED
Sohil
3/11/2016 4:58:14 PM

Quant Time: Mar 10 16:41:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:13:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	156244	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	620597	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	277780	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	538868	20.00	ng		0.00
75) Chrysene-d12	14.11	240	358871	20.00	ng		0.00
86) Perylene-d12	15.57	264	262064	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1156016	124.11	ng		0.02
7) Phenol-d6	6.57	99	1421073	116.45	ng		0.01
23) Nitrobenzene-d5	7.50	82	927488	79.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	345364	145.30	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1570965	86.01	ng		0.00
78) Terphenyl-d14	13.05	244	1306445	84.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	153990	32.33	ng		99
3) Pyridine	3.44	79	475090	39.85	ng		99
4) n-Nitrosodimethylamine	3.38	42	184861	36.23	ng		100
6) Aniline	6.60	93	339080	19.82	ng		99
8) 2-Chlorophenol	6.72	128	413280	36.85	ng		94
9) Benzaldehyde	6.48	77	109075	15.60	ng		99
10) Phenol	6.58	94	590383	45.17	ng		89
11) bis(2-Chloroethyl)ether	6.68	93	419754	38.67	ng		99
12) 1,3-Dichlorobenzene	6.88	146	468080	38.88	ng		98
13) 1,4-Dichlorobenzene	6.96	146	448044m	37.13	ng		
14) 1,2-Dichlorobenzene	7.11	146	428860	39.17	ng		100
15) Benzyl Alcohol	7.08	79	339252	37.87	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	538817	34.43	ng		99
17) 2-Methylphenol	7.19	107	346152	37.83	ng		97
18) Hexachloroethane	7.45	117	165783	37.24	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	279645	35.16	ng	#	90
20) 3+4-Methylphenols	7.34	107	444869	41.04	ng		91
22) Acetophenone	7.35	105	552531	36.48	ng	#	98
24) Nitrobenzene	7.52	77	450540	38.24	ng		100
25) Isophorone	7.76	82	817972	38.06	ng		98
26) 2-Nitrophenol	7.84	139	239410	41.76	ng	#	89
27) 2,4-Dimethylphenol	7.88	122	419542	40.04	ng		96
28) bis(2-Chloroethoxy)methane	7.97	93	506211	42.29	ng		99
29) 2,4-Dichlorophenol	8.08	162	373429	44.19	ng		95
30) 1,2,4-Trichlorobenzene	8.16	180	361403	39.56	ng		100
31) Naphthalene	8.25	128	1208158	39.59	ng		98
32) Benzoic acid	7.98	122	198328	28.50	ng		99
33) 4-Chloroaniline	8.29	127	94540	7.66	ng		98
34) Hexachlorobutadiene	8.37	225	196158	41.26	ng		99
35) Caprolactam	8.66	113	116061m	42.06	ng		
36) 4-Chloro-3-methylphenol	8.78	107	398198	41.54	ng		90
37) 2-Methylnaphthalene	8.94	142	817721	41.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	328128	41.30	ng		97
40) Hexachlorocyclopentadiene	9.10	237	394387	92.05	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	238259	40.29	ng		96
43) 2,4,5-Trichlorophenol	9.26	196	257400	45.91	ng	#	91
45) 1,1'-Biphenyl	9.41	154	999109	42.10	ng		93
46) 2-Chloronaphthalene	9.43	162	784271	43.35	ng		98
47) 2-Nitroaniline	9.52	65	256442	45.75	ng	#	83
48) Acenaphthylene	9.84	152	1092433	38.80	ng		98
49) Dimethylphthalate	9.70	163	898878	42.16	ng		99
50) 2,6-Dinitrotoluene	9.76	165	183539	40.24	ng		90
51) Acenaphthene	10.01	154	748261	43.77	ng		99
52) 3-Nitroaniline	9.93	138	103997	19.06	ng		91
53) 2,4-Dinitrophenol	10.04	184	158862	69.77	ng	#	54
54) Dibenzofuran	10.18	168	967467	43.20	ng		100
55) 4-Nitrophenol	10.09	139	329655	76.87	ng	#	77
56) 2,4-Dinitrotoluene	10.17	165	265282	45.45	ng	#	69
57) Fluorene	10.53	166	718145	40.82	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	178449	45.30	ng		96
59) Diethylphthalate	10.40	149	802779	38.80	ng		96
60) 4-Chlorophenyl-phenylether	10.52	204	351633	41.08	ng		88
61) 4-Nitroaniline	10.55	138	229851	45.03	ng		90
62) Azobenzene	10.68	77	947310	46.47	ng		95
64) 4,6-Dinitro-2-methylphenol	10.57	198	116178	36.01	ng	#	67
65) n-Nitrosodiphenylamine	10.64	169	698271	41.66	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	206948	39.55	ng	#	81
67) Hexachlorobenzene	11.08	284	223696	40.07	ng	#	82
68) Atrazine	11.17	200	238137	51.09	ng		97
69) Pentachlorophenol	11.27	266	251566	81.19	ng		99
70) Phenanthrene	11.49	178	1106307	39.17	ng		99
71) Anthracene	11.54	178	1107700	36.95	ng		100
72) Carbazole	11.69	167	871945	33.17	ng		99
73) Di-n-butylphthalate	12.02	149	1109025	33.37	ng		99
74) Fluoranthene	12.68	202	990727	34.96	ng		97
76) Benzidine	12.80	184	336318	31.49	ng		99
77) Pyrene	12.90	202	1005294	37.22	ng		99
79) Butylbenzylphthalate	13.52	149	460596	37.58	ng		94
80) Benzo(a)anthracene	14.09	228	801204	37.29	ng		98
81) 3,3'-Dichlorobenzidine	14.06	252	86514	12.77	ng	#	96
82) Chrysene	14.14	228	759560	38.27	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	594470	36.86	ng		100
84) Di-n-octyl phthalate	14.70	149	951990	38.76	ng		96
85) Indeno(1,2,3-cd)pyrene	17.03	276	646293	41.73	ng		97
87) Benzo(b)fluoranthene	15.15	252	712028	40.76	ng	#	96
88) Benzo(k)fluoranthene	15.17	252	597597m	42.41	ng		
89) Benzo(a)pyrene	15.51	252	605893	41.86	ng		99
90) Dibenzo(a,h)anthracene	17.04	278	541957	43.86	ng		97
91) Benzo(g,h,i)perylene	17.48	276	545605	43.91	ng	#	93

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

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