Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085731.D
Acq On : 24 Mar 2016 23:30
Operator : UM/SJ
Sample : H1864-15MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1MSD

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:33 PM

Quant Time: Mar 25 02:23:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	109666	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	439067	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	207016	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	397120	20.00	ng		0.00
75) Chrysene-d12	13.98	240	234307	20.00	ng		0.00
86) Perylene-d12	15.40	264	193876	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	467130	70.94	ng		0.01
7) Phenol-d6	6.46	99	397764	47.51	ng		0.00
23) Nitrobenzene-d5	7.40	82	700914	89.90	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	297727	151.37	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	1121884	90.54	ng		0.00
78) Terphenyl-d14	12.93	244	977170	85.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	58676	18.66	ng		98
3) Pyridine	3.19	79	115402	15.31	ng		99
4) n-Nitrosodimethylamine	3.10	42	61203	20.28	ng		99
6) Aniline	6.48	93	261926	23.24	ng	#	85
8) 2-Chlorophenol	6.61	128	281250	36.76	ng		94
9) Benzaldehyde	6.37	77	48404	9.60	ng		92
10) Phenol	6.47	94	159125	16.78	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	312982	42.88	ng		99
12) 1,3-Dichlorobenzene	6.77	146	287366	34.88	ng		99
13) 1,4-Dichlorobenzene	6.85	146	283117m	33.88	ng		
14) 1,2-Dichlorobenzene	7.00	146	292906	37.62	ng		99
15) Benzyl Alcohol	6.97	79	191219	34.23	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	390439	40.31	ng		96
17) 2-Methylphenol	7.09	107	201595	32.91	ng		99
18) Hexachloroethane	7.34	117	107391	35.10	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	235921	47.06	ng		97
20) 3+4-Methylphenols	7.25	107	222015	30.15	ng	#	78
22) Acetophenone	7.24	105	418891	40.95	ng		94
24) Nitrobenzene	7.41	77	319868	39.80	ng		97
25) Isophorone	7.66	82	641992	42.74	ng	#	91
26) 2-Nitrophenol	7.73	139	162682	40.46	ng	#	88
27) 2,4-Dimethylphenol	7.77	122	294937	41.96	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	391523	45.75	ng		99
29) 2,4-Dichlorophenol	7.98	162	250641	42.42	ng		92
30) 1,2,4-Trichlorobenzene	8.06	180	257122	39.20	ng		94
31) Naphthalene	8.14	128	888177	40.15	ng		98
32) Benzoic acid	7.89	122	74771	16.02	ng		90
33) 4-Chloroaniline	8.18	127	197328	21.85	ng		96
34) Hexachlorobutadiene	8.25	225	128682	36.10	ng		99
35) Caprolactam	8.66	113	31279	14.95	ng	#	42
36) 4-Chloro-3-methylphenol	8.66	107	265214	38.43	ng		94
37) 2-Methylnaphthalene	8.82	142	599923	47.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	258007	42.03	ng		100
40) Hexachlorocyclopentadiene	8.97	237	165053	66.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	184324	44.46	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	195338	44.92	ng	#	94
45) 1,1'-Biphenyl	9.29	154	741980	42.48	ng		95
46) 2-Chloronaphthalene	9.32	162	575134	44.78	ng		96
47) 2-Nitroaniline	9.42	65	176166	44.85	ng	#	70
48) Acenaphthylene	9.73	152	860819	41.13	ng		100
49) Dimethylphthalate	9.60	163	731619	46.58	ng		98
50) 2,6-Dinitrotoluene	9.66	165	165293	48.89	ng	#	79
51) Acenaphthene	9.90	154	500197	39.13	ng		99
52) 3-Nitroaniline	9.83	138	88598	22.89	ng	#	75
53) 2,4-Dinitrophenol	9.93	184	142236	83.03	ng		94
54) Dibenzofuran	10.07	168	714353	43.17	ng		96
55) 4-Nitrophenol	10.00	139	87928	34.88	ng		89
56) 2,4-Dinitrotoluene	10.06	165	180058	41.90	ng	#	53
57) Fluorene	10.41	166	565888	41.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	158013	52.29	ng	#	97
59) Diethylphthalate	10.29	149	695454	44.82	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	266943	39.69	ng		93
61) 4-Nitroaniline	10.44	138	132524	35.81	ng		84
62) Azobenzene	10.56	77	685049	45.94	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	103578	44.54	ng		83
65) n-Nitrosodiphenylamine	10.53	169	521204	41.44	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	173164	42.62	ng		95
67) Hexachlorobenzene	10.96	284	190865	44.92	ng	#	91
68) Atrazine	11.08	200	163440	38.49	ng		95
69) Pentachlorophenol	11.16	266	198979	95.39	ng		99
70) Phenanthrene	11.37	178	864261	42.39	ng		100
71) Anthracene	11.43	178	956639	44.69	ng		99
72) Carbazole	11.58	167	743175	41.35	ng		99
73) Di-n-butylphthalate	11.91	149	972571	39.44	ng		99
74) Fluoranthene	12.56	202	923021	42.59	ng		91
77) Pyrene	12.79	202	933103	48.45	ng		100
79) Butylbenzylphthalate	13.41	149	392685	48.69	ng		96
80) Benzo(a)anthracene	13.97	228	599713	44.89	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	22790	2.46	ng		99
82) Chrysene	14.00	228	559444	41.57	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	457660	47.39	ng		99
84) Di-n-octyl phthalate	14.57	149	740282	51.55	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	556690	53.57	ng		99
87) Benzo(b)fluoranthene	15.00	252	538310m	44.07	ng		
88) Benzo(k)fluoranthene	15.02	252	450380m	40.90	ng		
89) Benzo(a)pyrene	15.34	252	478048	44.08	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	463602	46.01	ng		96
91) Benzo(g,h,i)perylene	17.20	276	475145	46.57	ng		97

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

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