Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090208.D
Acq On : 23 Sep 2016 20:06
Operator : UM/SJ
Sample : H4887-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-17BMS

Manual Integrations APPROVED
sohil
9/26/2016 5:59:21 PM

Quant Time: Sep 23 23:40:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 23:35:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	131355	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	514477	20.00	ng		0.00
38) Acenaphthene-d10	9.52	164	246367	20.00	ng		0.00
63) Phenanthrene-d10	10.99	188	347370	20.00	ng		0.01
75) Chrysene-d12	13.60	240	229854	20.00	ng		0.00
86) Perylene-d12	14.93	264	232590	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	940246	116.68	ng		0.02
7) Phenol-d6	6.16	99	1151941	115.75	ng		0.01
23) Nitrobenzene-d5	7.07	82	735913	82.92	ng		0.01
41) 2,4,6-Tribromophenol	10.31	330	220645	104.39	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	1225073	97.62	ng		0.01
78) Terphenyl-d14	12.57	244	697898	77.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	126154	28.85	ng		97
3) Pyridine	2.52	79	342921	36.17	ng		96
4) n-Nitrosodimethylamine	2.48	42	115103	40.67	ng		95
6) Aniline	6.16	93	332450	26.80	ng	#	84
8) 2-Chlorophenol	6.28	128	353110	38.08	ng	#	81
9) Benzaldehyde	6.03	77	33773	7.79	ng		89
10) Phenol	6.17	94	384272	32.66	ng		79
11) bis(2-Chloroethyl)ether	6.24	93	363471	39.62	ng		98
12) 1,3-Dichlorobenzene	6.43	146	384199	39.66	ng		97
13) 1,4-Dichlorobenzene	6.51	146	387355	39.17	ng		97
14) 1,2-Dichlorobenzene	6.66	146	325644m	36.96	ng		
15) Benzyl Alcohol	6.65	79	257419	43.38	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.80	45	417889	38.12	ng		97
17) 2-Methylphenol	6.79	107	303372	41.54	ng		96
18) Hexachloroethane	7.00	117	115651	32.78	ng	#	90
19) n-Nitroso-di-n-propylamine	6.94	70	269598	46.11	ng		96
20) 3+4-Methylphenols	6.95	107	390945	44.58	ng		96
22) Acetophenone	6.91	105	454487	36.63	ng	#	96
24) Nitrobenzene	7.08	77	333859	36.10	ng		96
25) Isophorone	7.34	82	722369	38.96	ng		99
26) 2-Nitrophenol	7.40	139	180764	39.70	ng		96
27) 2,4-Dimethylphenol	7.46	122	293469	36.27	ng		97
28) bis(2-Chloroethoxy)methane	7.55	93	447964	39.94	ng		99
29) 2,4-Dichlorophenol	7.66	162	300731	42.38	ng		97
30) 1,2,4-Trichlorobenzene	7.72	180	274231	38.69	ng		99
31) Naphthalene	7.80	128	1049311	42.83	ng		99
32) Benzoic acid	7.58	122	54684	9.85	ng		88
33) 4-Chloroaniline	7.86	127	205828	20.26	ng		98
34) Hexachlorobutadiene	7.93	225	156783	41.93	ng		99
35) Caprolactam	8.24	113	90875	38.69	ng		96
36) 4-Chloro-3-methylphenol	8.36	107	297965	37.15	ng		99
37) 2-Methylnaphthalene	8.49	142	592180	38.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	242159	42.82	ng	#	96
40) Hexachlorocyclopentadiene	8.65	237	61316	21.97	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	168489	41.81	ng		99
43) 2,4,5-Trichlorophenol	8.82	196	174466	41.81	ng	#	85
45) 1,1'-Biphenyl	8.96	154	689467	39.12	ng		97
46) 2-Chloronaphthalene	8.98	162	589242	45.31	ng		94
47) 2-Nitroaniline	9.08	65	183161	46.72	ng		94
48) Acenaphthylene	9.38	152	831495	39.37	ng		99
49) Dimethylphthalate	9.28	163	1083354	69.04	ng		99
50) 2,6-Dinitrotoluene	9.32	165	132226	37.81	ng		96
51) Acenaphthene	9.55	154	500689	39.94	ng		98
52) 3-Nitroaniline	9.48	138	126800	30.92	ng		85
53) 2,4-Dinitrophenol	9.60	184	20040	12.99	ng		97
54) Dibenzofuran	9.72	168	718229	43.54	ng		95
55) 4-Nitrophenol	9.68	139	207882	74.00	ng		98
56) 2,4-Dinitrotoluene	9.72	165	162820	39.37	ng		98
57) Fluorene	10.07	166	542264	43.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	132250	42.33	ng		97
59) Diethylphthalate	9.96	149	623876	41.17	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	233387	41.17	ng		92
61) 4-Nitroaniline	10.10	138	145813	34.89	ng		97
62) Azobenzene	10.23	77	721622	45.75	ng		93
64) 4,6-Dinitro-2-methylphenol	10.12	198	19308	8.87	ng	#	45
65) n-Nitrosodiphenylamine	10.19	169	542717	47.51	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	146185	42.77	ng	#	79
67) Hexachlorobenzene	10.62	284	165422	41.52	ng	#	79
68) Atrazine	10.73	200	148275	47.37	ng		95
69) Pentachlorophenol	10.81	266	162638	71.92	ng		100
70) Phenanthrene	11.02	178	764615	47.07	ng		99
71) Anthracene	11.06	178	731655	42.94	ng		99
72) Carbazole	11.23	167	699218	38.82	ng		97
73) Di-n-butylphthalate	11.58	149	873996	41.73	ng		100
74) Fluoranthene	12.19	202	696541	39.94	ng		91
76) Benzidine	12.33	184	308405	40.09	ng		96
77) Pyrene	12.41	202	653167	41.53	ng		98
79) Butylbenzylphthalate	13.05	149	328546	42.70	ng	#	72
80) Benzo(a)anthracene	13.60	228	582673	47.12	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	201350	39.48	ng	#	96
82) Chrysene	13.63	228	557632	46.29	ng		98
83) Bis(2-ethylhexyl)phthalate	13.62	149	448470	45.55	ng		99
84) Di-n-octyl phthalate	14.23	149	789579	46.55	ng		99
85) Indeno(1,2,3-cd)pyrene	16.08	276	472737	48.54	ng		96
87) Benzo(b)fluoranthene	14.58	252	529856m	41.14	ng		
88) Benzo(k)fluoranthene	14.61	252	544520m	45.05	ng		
89) Benzo(a)pyrene	14.88	252	534673	44.13	ng		99
90) Dibenzo(a,h)anthracene	16.09	278	397237	42.02	ng		96
91) Benzo(g,h,i)perylene	16.42	276	377866	40.83	ng		94

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

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