Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090209.D
Acq On : 23 Sep 2016 20:33
Operator : UM/SJ
Sample : H4887-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
9/26/2016 5:59:18 PM

Quant Time: Sep 23 23:42:36 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	123800	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	471650	20.00	ng		0.00
38) Acenaphthene-d10	9.52	164	216042	20.00	ng		0.00
63) Phenanthrene-d10	10.99	188	292177	20.00	ng		0.01
75) Chrysene-d12	13.60	240	219548	20.00	ng		0.00
86) Perylene-d12	14.93	264	246831	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	891536	117.38	ng		0.02
7) Phenol-d6	6.16	99	1080393	115.18	ng		0.01
23) Nitrobenzene-d5	7.07	82	686829	84.42	ng		0.01
41) 2,4,6-Tribromophenol	10.31	330	194108	104.73	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	1113146	101.15	ng		0.01
78) Terphenyl-d14	12.57	244	649195	75.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	124437	30.20	ng	#	97
3) Pyridine	2.52	79	333736	37.34	ng		97
4) n-Nitrosodimethylamine	2.48	42	110760	41.53	ng		96
6) Aniline	6.16	93	306604	26.22	ng	#	81
8) 2-Chlorophenol	6.28	128	344477	39.42	ng	#	81
9) Benzaldehyde	6.03	77	32354	7.92	ng		92
10) Phenol	6.17	94	353384	31.87	ng		81
11) bis(2-Chloroethyl)ether	6.24	93	345087	39.91	ng		99
12) 1,3-Dichlorobenzene	6.43	146	369714	40.50	ng		97
13) 1,4-Dichlorobenzene	6.51	146	370344	39.73	ng		98
14) 1,2-Dichlorobenzene	6.66	146	315911m	38.04	ng		
15) Benzyl Alcohol	6.65	79	244870	43.78	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.80	45	397578	38.48	ng		98
17) 2-Methylphenol	6.79	107	284976	41.40	ng		96
18) Hexachloroethane	7.00	117	116184	34.94	ng		94
19) n-Nitroso-di-n-propylamine	6.94	70	255069	46.29	ng		95
20) 3+4-Methylphenols	6.95	107	362248	43.83	ng		96
22) Acetophenone	6.91	105	424986	37.37	ng	#	95
24) Nitrobenzene	7.08	77	311837	36.78	ng		98
25) Isophorone	7.34	82	676443	39.79	ng		98
26) 2-Nitrophenol	7.40	139	165106	39.55	ng		99
27) 2,4-Dimethylphenol	7.46	122	276892	37.33	ng		97
28) bis(2-Chloroethoxy)methane	7.55	93	422817	41.12	ng		99
29) 2,4-Dichlorophenol	7.66	162	282409	43.41	ng		96
30) 1,2,4-Trichlorobenzene	7.72	180	259516	39.94	ng		99
31) Naphthalene	7.80	128	982126	43.73	ng		99
32) Benzoic acid	7.56	122	48436	9.51	ng		94
33) 4-Chloroaniline	7.86	127	163734	17.58	ng		99
34) Hexachlorobutadiene	7.93	225	148077	43.20	ng		99
35) Caprolactam	8.24	113	86715	40.27	ng	#	82
36) 4-Chloro-3-methylphenol	8.36	107	284544	38.70	ng		99
37) 2-Methylnaphthalene	8.49	142	547938	39.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	222101	44.79	ng		97
40) Hexachlorocyclopentadiene	8.65	237	67854	27.73	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	154258	43.65	ng		99
43) 2,4,5-Trichlorophenol	8.82	196	157158	42.95	ng	#	86
45) 1,1'-Biphenyl	8.96	154	648678	41.97	ng		97
46) 2-Chloronaphthalene	8.98	162	538877	47.26	ng		93
47) 2-Nitroaniline	9.08	65	156028	45.39	ng	#	80
48) Acenaphthylene	9.38	152	754387	40.74	ng		99
49) Dimethylphthalate	9.27	163	905864	65.83	ng		99
50) 2,6-Dinitrotoluene	9.32	165	122665	40.00	ng		94
51) Acenaphthene	9.55	154	443675	40.36	ng		99
52) 3-Nitroaniline	9.48	138	109572	30.47	ng		90
53) 2,4-Dinitrophenol	9.60	184	34437	22.43	ng		96
54) Dibenzofuran	9.72	168	644692	44.57	ng		95
55) 4-Nitrophenol	9.68	139	169080	68.64	ng		90
56) 2,4-Dinitrotoluene	9.72	165	153643	42.37	ng		95
57) Fluorene	10.07	166	498580	45.73	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	118577	43.29	ng		98
59) Diethylphthalate	9.96	149	594303	44.72	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	215792	43.41	ng		91
61) 4-Nitroaniline	10.09	138	115558	31.53	ng		81
62) Azobenzene	10.23	77	641275	46.36	ng		92
64) 4,6-Dinitro-2-methylphenol	10.12	198	30566	16.70	ng	#	54
65) n-Nitrosodiphenylamine	10.19	169	476753	49.62	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	129462	45.03	ng	#	78
67) Hexachlorobenzene	10.60	284	148578	44.34	ng	#	79
68) Atrazine	10.72	200	118987	45.19	ng		97
69) Pentachlorophenol	10.81	266	147319	77.46	ng		98
70) Phenanthrene	11.02	178	696365	50.96	ng		99
71) Anthracene	11.06	178	621933	43.40	ng		99
72) Carbazole	11.22	167	580694	38.33	ng		98
73) Di-n-butylphthalate	11.58	149	792448	44.98	ng		99
74) Fluoranthene	12.19	202	608617	41.49	ng		91
76) Benzidine	12.33	184	288335	39.24	ng		96
77) Pyrene	12.41	202	598149	39.81	ng		99
79) Butylbenzylphthalate	13.05	149	281719	38.34	ng	#	76
80) Benzo(a)anthracene	13.59	228	556721	47.13	ng		100
81) 3,3'-Dichlorobenzidine	13.57	252	191724	39.36	ng	#	98
82) Chrysene	13.63	228	527087	45.81	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	390424	41.52	ng		100
84) Di-n-octyl phthalate	14.23	149	720477	44.47	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.08	276	535874	57.60	ng		97
87) Benzo(b)fluoranthene	14.58	252	544897m	39.87	ng		
88) Benzo(k)fluoranthene	14.61	252	551091m	42.96	ng		
89) Benzo(a)pyrene	14.88	252	550747	42.84	ng		98
90) Dibenzo(a,h)anthracene	16.09	278	450039	44.86	ng		97
91) Benzo(g,h,i)perylene	16.42	276	427447	43.53	ng		97

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

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