Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098500.D
Acq On : 13 Sep 2017 20:13
Operator : SJ/JU
Sample : I5160-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Manual Integrations APPROVED
Sohil
9/14/2017 5:52:43 PM

Quant Time: Sep 14 07:00:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170033	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	702434	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	307997	20.00	ng		-0.01
63) Phenanthrene-d10	11.17	188	485861	20.00	ng		-0.01
75) Chrysene-d12	13.81	240	326057	20.00	ng		0.00
86) Perylene-d12	15.20	264	327090	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1445507	125.69	ng		0.00
7) Phenol-d6	6.32	99	1749805	119.84	ng		0.00
23) Nitrobenzene-d5	7.23	82	1111118	88.19	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	281551	136.97	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1717170	94.50	ng		-0.01
78) Terphenyl-d14	12.75	244	1116610	73.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	184811	31.136	ng		91
3) Pyridine	3.01	79	501349	31.805	ng	#	84
4) n-Nitrosodimethylamine	2.97	42	260352	33.689	ng		99
6) Aniline	6.32	93	548585	29.948	ng	#	45
8) 2-Chlorophenol	6.45	128	491614	38.876	ng		99
9) Benzaldehyde	6.20	77	330653	34.641	ng		95
10) Phenol	6.33	94	661634	39.012	ng		76
11) bis(2-Chloroethyl)ether	6.40	93	499145	39.035	ng		99
12) 1,3-Dichlorobenzene	6.60	146	505542	39.718	ng		97
13) 1,4-Dichlorobenzene	6.67	146	510442	39.151	ng		95
14) 1,2-Dichlorobenzene	6.83	146	467848	39.387	ng		98
15) Benzyl Alcohol	6.81	79	397124	40.866	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.94	45	752112	35.748	ng		56
17) 2-Methylphenol	6.93	107	403272	39.108	ng	#	88
18) Hexachloroethane	7.16	117	182029	36.457	ng	#	84
19) n-Nitroso-di-n-propylamine	7.08	70	347605	37.847	ng		96
20) 3+4-Methylphenols	7.09	107	529436	40.685	ng	#	64
22) Acetophenone	7.07	105	706281	38.903	ng	#	90
24) Nitrobenzene	7.25	77	529280	36.879	ng		93
25) Isophorone	7.49	82	947365	37.162	ng		99
26) 2-Nitrophenol	7.56	139	250772	43.276	ng	#	86
27) 2,4-Dimethylphenol	7.61	122	423154	38.307	ng		97
28) bis(2-Chloroethoxy)methane	7.70	93	616203	39.614	ng		98
29) 2,4-Dichlorophenol	7.82	162	398128	43.335	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	421757	42.202	ng		98
31) Naphthalene	7.96	128	1458253	41.994	ng		100
32) Benzoic acid	7.73	122	80005	16.973	ng		99
33) 4-Chloroaniline	8.02	127	478083	33.876	ng		97
34) Hexachlorobutadiene	8.08	225	213199	41.555	ng		99
35) Caprolactam	8.40	113	135706m	42.836	ng		
36) 4-Chloro-3-methylphenol	8.52	107	435505	38.223	ng	#	83
37) 2-Methylnaphthalene	8.65	142	935206	44.461	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	374560	39.041	ng		99
40) Hexachlorocyclopentadiene	8.80	237	49833	25.388	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	246528	43.747	ng		93
43) 2,4,5-Trichlorophenol	8.99	196	260282	44.190	ng		95
45) 1,1'-Biphenyl	9.12	154	1065922	38.666	ng		97
46) 2-Chloronaphthalene	9.14	162	804795	40.877	ng	#	92
47) 2-Nitroaniline	9.25	65	296249	39.204	ng		95
48) Acenaphthylene	9.56	152	1163268	39.738	ng		99
49) Dimethylphthalate	9.42	163	1218234	51.097	ng		100
50) 2,6-Dinitrotoluene	9.49	165	203230	41.498	ng	#	87
51) Acenaphthene	9.73	154	717168	38.541	ng		99
52) 3-Nitroaniline	9.66	138	210719	35.644	ng		99
53) 2,4-Dinitrophenol	9.78	184	21676	16.891	ng	#	85
54) Dibenzofuran	9.90	168	1019807	41.601	ng		99
55) 4-Nitrophenol	9.84	139	249426	73.437	ng	#	50
56) 2,4-Dinitrotoluene	9.90	165	235017	39.473	ng	#	58
57) Fluorene	10.24	166	757805	37.348	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	180678	45.644	ng	#	94
59) Diethylphthalate	10.12	149	908572	40.071	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	375775	40.096	ng	#	86
61) 4-Nitroaniline	10.27	138	212960	35.670	ng		90
62) Azobenzene	10.39	77	1069212	43.753	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	29946	13.974	ng	#	73
65) n-Nitrosodiphenylamine	10.35	169	709398	44.966	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	218337	47.349	ng		92
67) Hexachlorobenzene	10.79	284	201914	43.168	ng	#	89
68) Atrazine	10.89	200	224353	46.193	ng		98
69) Pentachlorophenol	10.99	266	160101	77.557	ng		95
70) Phenanthrene	11.20	178	1153161	44.771	ng		99
71) Anthracene	11.25	178	1101706	41.661	ng		98
72) Carbazole	11.41	167	931278	37.787	ng		99
73) Di-n-butylphthalate	11.74	149	1278245	43.288	ng		99
74) Fluoranthene	12.38	202	1092535	42.372	ng		99
76) Benzidine	12.51	184	331822	22.995	ng	#	93
77) Pyrene	12.61	202	1079397	41.965	ng		98
79) Butylbenzylphthalate	13.23	149	429191	38.463	ng	#	77
80) Benzo(a)anthracene	13.80	228	861811	45.083	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	272738	36.713	ng	#	94
82) Chrysene	13.83	228	829641	42.935	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	566246	40.433	ng		100
84) Di-n-octyl phthalate	14.40	149	995817	41.445	ng		98
85) Indeno(1,2,3-cd)pyrene	16.55	276	611944	45.139	ng		98
87) Benzo(b)fluoranthene	14.82	252	940967	45.752	ng		99
88) Benzo(k)fluoranthene	14.84	252	737228	38.397	ng	#	96
89) Benzo(a)pyrene	15.15	252	755330	41.224	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	516526	38.753	ng		99
91) Benzo(g,h,i)perylene	16.95	276	485371	36.206	ng		96

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

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