Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101028.D
Acq On : 30 Nov 2017 20:11
Operator : SJ/JU
Sample : I6610-18MS 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(0-2)-20171127MS

Manual Integrations APPROVED

Quant Time: Dec 01 09:50:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

Sohil

12/1/2017 11:12:54 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54503	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	205883	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	85516	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	126154	20.00	ng		0.00
75) Chrysene-d12	14.03	240	112692	20.00	ng		0.00
86) Perylene-d12	15.51	264	118226	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	180436	54.71	ng		0.00
7) Phenol-d6	6.49	99	214075	53.46	ng		0.00
23) Nitrobenzene-d5	7.42	82	129671	37.57	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	44716	43.53	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	268468	42.95	ng		0.00
78) Terphenyl-d14	12.96	244	173761	33.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	17483	12.818	ng	#	88
3) Pyridine	3.43	79	48535m	13.727	ng		
4) n-Nitrosodimethylamine	3.35	42	26573	15.388	ng		93
6) Aniline	6.52	93	37282	7.159	ng		98
8) 2-Chlorophenol	6.64	128	57975	16.121	ng		91
9) Benzaldehyde	6.40	77	27696	11.300	ng		91
10) Phenol	6.50	94	75832	17.031	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	53118	15.904	ng		99
12) 1,3-Dichlorobenzene	6.79	146	64917	15.502	ng		97
13) 1,4-Dichlorobenzene	6.87	146	66371	15.309	ng		96
14) 1,2-Dichlorobenzene	7.02	146	62883	15.550	ng		97
15) Benzyl Alcohol	6.99	79	47680	15.416	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	84804	18.680	ng		99
17) 2-Methylphenol	7.10	107	46260	15.930	ng		97
18) Hexachloroethane	7.36	117	19741	14.173	ng		89
19) n-Nitroso-di-n-propylamine	7.26	70	39240	14.550	ng		96
20) 3+4-Methylphenols	7.26	107	62085	16.393	ng	#	62
22) Acetophenone	7.26	105	77181	15.517	ng	#	95
24) Nitrobenzene	7.43	77	55716	16.471	ng		98
25) Isophorone	7.67	82	101836	17.274	ng		99
26) 2-Nitrophenol	7.75	139	29579	15.930	ng		97
27) 2,4-Dimethylphenol	7.79	122	49969	18.603	ng		96
28) bis(2-Chloroethoxy)methane	7.88	93	64507	16.281	ng		99
29) 2,4-Dichlorophenol	8.00	162	47826	16.357	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	53394	16.607	ng		96
31) Naphthalene	8.16	128	209439	20.641	ng		99
33) 4-Chloroaniline	8.21	127	29870	7.326	ng	#	94
34) Hexachlorobutadiene	8.27	225	30949	15.695	ng		97
35) Caprolactam	8.56	113	12800	14.047	ng		86
36) 4-Chloro-3-methylphenol	8.69	107	46547	15.369	ng		98
37) 2-Methylnaphthalene	8.85	142	131334	19.049	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	50586	16.283	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	3211	8.519	ng		95
42) 2,4,6-Trichlorophenol	9.13	196	33329	18.301	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	33724m	17.322	ng		
45) 1,1'-Biphenyl	9.31	154	136484	17.420	ng		94
46) 2-Chloronaphthalene	9.34	162	99828	17.941	ng		93
47) 2-Nitroaniline	9.43	65	26053	15.826	ng		99
48) Acenaphthylene	9.75	152	208855	22.840	ng		99
49) Dimethylphthalate	9.60	163	131084	19.007	ng		99
50) 2,6-Dinitrotoluene	9.67	165	22932	15.787	ng		89
51) Acenaphthene	9.93	154	129633	23.675	ng		98
52) 3-Nitroaniline	9.85	138	16396	10.037	ng		98
53) 2,4-Dinitrophenol	9.96	184	1491	6.703	ng	#	42
54) Dibenzofuran	10.10	168	169340	21.461	ng		99
55) 4-Nitrophenol	10.00	139	27891	25.317	ng		98
56) 2,4-Dinitrotoluene	10.08	165	27666	14.212	ng	#	89
57) Fluorene	10.44	166	154268	24.050	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	23024	14.770	ng	#	86
59) Diethylphthalate	10.30	149	105615	15.526	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	48023	15.163	ng		93
61) 4-Nitroaniline	10.45	138	19100	11.264	ng		94
62) Azobenzene	10.59	77	84121	14.572	ng		89
64) 4,6-Dinitro-2-methylphenol	10.49	198	2107	2.490	ng		98
65) n-Nitrosodiphenylamine	10.55	169	89473	20.104	ng		93
66) 4-Bromophenyl-phenylether	10.92	248	27628	19.565	ng	#	83
67) Hexachlorobenzene	10.99	284	25999	17.179	ng	#	83
68) Atrazine	11.07	200	22959	16.817	ng		95
69) Pentachlorophenol	11.19	266	20907	25.125	ng		96
70) Phenanthrene	11.42	178	872507	125.590	ng		98
71) Anthracene	11.46	178	289952	41.238	ng		98
72) Carbazole	11.61	167	152761	23.779	ng		98
73) Di-n-butylphthalate	11.93	149	131844	16.374	ng		98
74) Fluoranthene	12.61	202	1087205	141.179	ng		95
77) Pyrene	12.84	202	1035877	133.213	ng		99
79) Butylbenzylphthalate	13.44	149	49381	14.404	ng	#	84
80) Benzo(a)anthracene	14.02	228	687134	96.573	ng		97
81) 3,3'-Dichlorobenzidine	13.98	252	28169	11.431	ng		96
82) Chrysene	14.06	228	637500	96.474	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	72331	14.797	ng		97
84) Di-n-octyl phthalate	14.60	149	126408	15.531	ng	#	100
85) Indeno(1,2,3-cd)pyrene	17.00	276	313776	53.410	ng	#	88
87) Benzo(b)fluoranthene	15.09	252	844661m	119.279	ng		
88) Benzo(k)fluoranthene	15.11	252	265667m	38.079	ng		
89) Benzo(a)pyrene	15.46	252	557747	86.635	ng		96
90) Dibenzo(a,h)anthracene	17.01	278	128522m	22.645	ng		
91) Benzo(g,h,i)perylene	17.46	276	266035	49.738	ng	#	92

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

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