Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096923.D
Acq On : 20 Jul 2017 23:25
Operator : SJ/JU
Sample : I4317-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMSD

Manual Integrations APPROVED
Sohil
7/21/2017 1:05:59 PM

Quant Time: Jul 21 08:00:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	90904	20.00	ng		-0.03
21) Naphthalene-d8	7.85	136	383589	20.00	ng		-0.04
38) Acenaphthene-d10	9.60	164	165304	20.00	ng		-0.03
63) Phenanthrene-d10	11.07	188	254494	20.00	ng		-0.03
75) Chrysene-d12	13.70	240	147663	20.00	ng		-0.03
86) Perylene-d12	15.07	264	169255	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	749412	123.96	ng		-0.01
7) Phenol-d6	6.23	99	887404	122.31	ng		-0.02
23) Nitrobenzene-d5	7.14	82	538524	86.96	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	179780	127.41	ng		-0.03
44) 2-Fluorobiphenyl	8.93	172	959587	91.71	ng		-0.03
78) Terphenyl-d14	12.66	244	614530	72.17	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	112928	36.301	ng	#	71
3) Pyridine	2.84	79	225689	34.520	ng	#	62
4) n-Nitrosodimethylamine	2.78	42	155541	42.542	ng	#	77
6) Aniline	6.23	93	282297	31.588	ng	#	54
8) 2-Chlorophenol	6.36	128	268770	41.208	ng		98
9) Benzaldehyde	6.11	77	102936	24.547	ng		98
10) Phenol	6.25	94	349519	42.616	ng		98
11) bis(2-Chloroethyl)ether	6.32	93	251759	40.820	ng		92
12) 1,3-Dichlorobenzene	6.51	146	286457	41.318	ng		99
13) 1,4-Dichlorobenzene	6.59	146	289262	41.199	ng		96
14) 1,2-Dichlorobenzene	6.74	146	264633	41.440	ng		98
15) Benzyl Alcohol	6.72	79	208532	43.902	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.86	45	506971	39.830	ng		96
17) 2-Methylphenol	6.85	107	210917	41.586	ng		94
18) Hexachloroethane	7.08	117	100132	40.220	ng	#	84
19) n-Nitroso-di-n-propylamine	7.00	70	180768	41.357	ng	#	86
20) 3+4-Methylphenols	7.00	107	266685	43.331	ng	#	65
22) Acetophenone	6.99	105	364403	42.504	ng		96
24) Nitrobenzene	7.16	77	264106	41.235	ng		94
25) Isophorone	7.40	82	473309	41.084	ng	#	94
26) 2-Nitrophenol	7.47	139	152231	42.745	ng		91
27) 2,4-Dimethylphenol	7.53	122	243528	41.566	ng		95
28) bis(2-Chloroethoxy)methane	7.62	93	323775	41.591	ng		99
29) 2,4-Dichlorophenol	7.72	162	222293	41.915	ng		96
30) 1,2,4-Trichlorobenzene	7.80	180	215331	42.704	ng		97
31) Naphthalene	7.87	128	768838	42.310	ng		99
32) Benzoic acid	7.64	122	46184	12.333	ng		94
33) 4-Chloroaniline	7.93	127	215396	29.918	ng		97
34) Hexachlorobutadiene	8.00	225	112859	41.926	ng		97
35) Caprolactam	8.30	113	70032m	41.212	ng		
36) 4-Chloro-3-methylphenol	8.43	107	232238	40.726	ng		88
37) 2-Methylnaphthalene	8.57	142	525472	45.358	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	191234	42.796	ng		99
40) Hexachlorocyclopentadiene	8.72	237	111417	67.148	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	136489	41.409 ng		98
43) 2,4,5-Trichlorophenol	8.90	196	139400	41.934 ng		95
45) 1,1'-Biphenyl	9.03	154	591688	41.735 ng		99
46) 2-Chloronaphthalene	9.05	162	452813	43.375 ng	#	92
47) 2-Nitroaniline	9.15	65	154007	42.918 ng		94
48) Acenaphthylene	9.46	152	706420	42.470 ng		99
49) Dimethylphthalate	9.34	163	622364	50.002 ng		99
50) 2,6-Dinitrotoluene	9.40	165	116281	43.131 ng	#	83
51) Acenaphthene	9.64	154	407243	41.445 ng		99
52) 3-Nitroaniline	9.56	138	102166	31.989 ng		92
53) 2,4-Dinitrophenol	9.67	184	55161	44.581 ng	#	76
54) Dibenzofuran	9.81	168	596138	43.294 ng		99
55) 4-Nitrophenol	9.75	139	153199	65.658 ng	#	65
56) 2,4-Dinitrotoluene	9.80	165	138386	39.946 ng	#	67
57) Fluorene	10.15	166	441572	43.397 ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	105999	45.977 ng		97
59) Diethylphthalate	10.04	149	507705	41.900 ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	188998	44.797 ng		95
61) 4-Nitroaniline	10.17	138	122776	40.937 ng		94
62) Azobenzene	10.30	77	468924	43.868 ng		91
64) 4,6-Dinitro-2-methylphenol	10.22	198	60295	37.735 ng	#	76
65) n-Nitrosodiphenylamine	10.27	169	413079	45.407 ng		97
66) 4-Bromophenyl-phenylether	10.63	248	122431	47.120 ng		96
67) Hexachlorobenzene	10.70	284	126327	43.653 ng	#	90
68) Atrazine	10.80	200	119242	46.008 ng		94
69) Pentachlorophenol	10.90	266	97666	69.861 ng		99
70) Phenanthrene	11.10	178	617699	44.639 ng		99
71) Anthracene	11.16	178	627306	44.837 ng		98
72) Carbazole	11.31	167	566289	41.797 ng		98
73) Di-n-butylphthalate	11.65	149	747832	44.320 ng		99
74) Fluoranthene	12.29	202	565397	42.687 ng		97
76) Benzidine	12.41	184	257598	53.250 ng	#	93
77) Pyrene	12.51	202	570366	42.561 ng		98
79) Butylbenzylphthalate	13.14	149	272202	42.750 ng	#	82
80) Benzo(a)anthracene	13.69	228	427847	46.502 ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	132135	39.938 ng	#	96
82) Chrysene	13.73	228	414656	45.780 ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	333106	42.958 ng	#	98
84) Di-n-octyl phthalate	14.32	149	592874	46.254 ng		95
85) Indeno(1,2,3-cd)pyrene	16.35	276	454370	51.796 ng		99
87) Benzo(b)fluoranthene	14.70	252	428624	41.989 ng		98
88) Benzo(k)fluoranthene	14.73	252	401823	41.569 ng	#	94
89) Benzo(a)pyrene	15.02	252	419138	44.767 ng		99
90) Dibenzo(a,h)anthracene	16.36	278	371445	43.116 ng		99
91) Benzo(g,h,i)perylene	16.73	276	379851	41.175 ng		97

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

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