Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031210.D
Acq On : 23 Nov 2017 5:06
Operator : SJ/JU
Sample : I6305-12MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Manual Integrations APPROVED

Quant Time: Nov 24 05:39:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Sohil

11/27/2017 3:22:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	58307	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	256510	20.00	ng		-0.02
38) Acenaphthene-d10	14.76	164	174432	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	449891	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	524116	20.00	ng		-0.02
86) Perylene-d12	25.07	264	525893	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	502709	147.84	ng		-0.01
7) Phenol-d6	7.31	99	615611	134.39	ng		0.00
23) Nitrobenzene-d5	9.30	82	418116	96.59	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	356132	126.21	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1195949	98.52	ng		-0.02
78) Terphenyl-d14	20.09	244	2217350	93.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	51987	37.675	ng		83
3) Pyridine	3.96	79	143937	35.931	ng		87
4) n-Nitrosodimethylamine	3.87	42	71897	37.869	ng	#	82
6) Aniline	7.45	93	108149	17.939	ng		90
8) 2-Chlorophenol	7.71	128	194752	51.900	ng		90
9) Benzaldehyde	7.27	77	51162	15.960	ng		87
10) Phenol	7.33	94	217464	45.712	ng		92
11) bis(2-Chloroethyl)ether	7.55	93	176556	46.481	ng		87
12) 1,3-Dichlorobenzene	8.02	146	174026m	39.528	ng		
13) 1,4-Dichlorobenzene	8.17	146	182245	40.850	ng		93
14) 1,2-Dichlorobenzene	8.49	146	177999	41.569	ng		96
15) Benzyl Alcohol	8.38	79	170313	46.350	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.66	45	258442	61.597	ng		89
17) 2-Methylphenol	8.58	107	167279	50.495	ng		96
18) Hexachloroethane	9.22	117	61116	39.360	ng		93
19) n-Nitroso-di-n-propylamine	8.94	70	147594	42.375	ng	#	92
20) 3+4-Methylphenols	8.92	107	230221	48.872	ng		96
22) Acetophenone	8.96	105	287424	45.003	ng	#	94
24) Nitrobenzene	9.35	77	212042	47.953	ng	#	89
25) Isophorone	9.86	82	423447	50.157	ng	#	93
26) 2-Nitrophenol	10.06	139	114446	49.653	ng	#	87
27) 2,4-Dimethylphenol	10.12	122	199671	58.352	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	259182	48.744	ng		98
29) 2,4-Dichlorophenol	10.61	162	228292	55.559	ng		92
30) 1,2,4-Trichlorobenzene	10.81	180	225538	45.975	ng		98
31) Naphthalene	11.00	128	603503	47.860	ng		98
33) 4-Chloroaniline	11.12	127	28389	5.143	ng	#	94
34) Hexachlorobutadiene	11.27	225	140956	41.431	ng		97
35) Caprolactam	11.88	113	59925m	35.701	ng		
36) 4-Chloro-3-methylphenol	12.23	107	229368	51.288	ng		85
37) 2-Methylnaphthalene	12.60	142	477125	49.014	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	300054	43.341	ng		97
40) Hexachlorocyclopentadiene	12.94	237	214918	83.412	ng		93
42) 2,4,6-Trichlorophenol	13.20	196	204593	51.695	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.29	196	218942	50.561	ng	#	92
45) 1,1'-Biphenyl	13.59	154	658950	45.556	ng		98
46) 2-Chloronaphthalene	13.64	162	524529	50.260	ng		96
47) 2-Nitroaniline	13.84	65	149096	48.200	ng	#	80
48) Acenaphthylene	14.48	152	808306	47.322	ng		98
49) Dimethylphthalate	14.20	163	721784	47.857	ng		99
50) 2,6-Dinitrotoluene	14.33	165	164666	52.971	ng	#	76
51) Acenaphthene	14.82	154	515782	48.350	ng		98
52) 3-Nitroaniline	14.66	138	52179	15.808	ng	#	76
53) 2,4-Dinitrophenol	14.88	184	49812	32.856	ng	#	49
54) Dibenzofuran	15.15	168	847452	49.874	ng		99
55) 4-Nitrophenol	14.99	139	201934	85.882	ng	#	82
56) 2,4-Dinitrotoluene	15.12	165	240298	53.470	ng	#	69
57) Fluorene	15.80	166	681916	49.432	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	224225	54.331	ng	#	89
59) Diethylphthalate	15.56	149	723422	47.221	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	402783	48.345	ng		91
61) 4-Nitroaniline	15.83	138	163457	46.766	ng		87
62) Azobenzene	16.08	77	570905	48.863	ng		91
64) 4,6-Dinitro-2-methylphenol	15.89	198	69626	23.283	ng	#	76
65) n-Nitrosodiphenylamine	16.00	169	638848	46.861	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	267784	46.996	ng		97
67) Hexachlorobenzene	16.81	284	274117	45.275	ng		94
68) Atrazine	16.94	200	264998	47.112	ng		96
69) Pentachlorophenol	17.15	266	251119	75.034	ng		98
70) Phenanthrene	17.54	178	1183670	50.531	ng		98
71) Anthracene	17.63	178	1196362	50.971	ng		99
72) Carbazole	17.90	167	1108674	50.411	ng		98
73) Di-n-butylphthalate	18.44	149	1277280	47.301	ng		100
74) Fluoranthene	19.54	202	1524210	51.392	ng		96
76) Benzidine	19.71	184	404670	24.036	ng		97
77) Pyrene	19.90	202	1563027	50.257	ng		96
79) Butylbenzylphthalate	20.76	149	635708	51.265	ng		85
80) Benzo(a)anthracene	21.75	228	1613503	49.561	ng		97
81) 3,3'-Dichlorobenzidine	21.66	252	240167	18.275	ng		96
82) Chrysene	21.82	228	1523684	50.595	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	884558	49.417	ng		99
84) Di-n-octyl phthalate	22.85	149	1521376	52.219	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1795394	49.039	ng	#	79
87) Benzo(b)fluoranthene	24.02	252	1607092	50.520	ng		98
88) Benzo(k)fluoranthene	24.09	252	1603319	50.849	ng		97
89) Benzo(a)pyrene	24.92	252	1566524	51.837	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1488620	48.193	ng		98
91) Benzo(g,h,i)perylene	30.05	276	1484036	49.502	ng		99

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

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