Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031211.D
Acq On : 23 Nov 2017 5:43
Operator : SJ/JU
Sample : I6305-12MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
11/27/2017 3:22:08 PM

Quant Time: Nov 23 23:30:30 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	61409	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	268789	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	181900	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	457888	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	526371	20.00	ng		-0.02
86) Perylene-d12	25.07	264	525806	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	524843	146.55	ng		0.00
7) Phenol-d6	7.30	99	643499	133.38	ng		0.00
23) Nitrobenzene-d5	9.31	82	435020	95.90	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	364509	123.88	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	1240098	97.96	ng		-0.02
78) Terphenyl-d14	20.09	244	2188415	91.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	57805	39.775	ng	#	84
3) Pyridine	3.97	79	161347	38.242	ng		89
4) n-Nitrosodimethylamine	3.87	42	80885	40.451	ng	#	94
6) Aniline	7.46	93	77667	12.232	ng	#	88
8) 2-Chlorophenol	7.70	128	205950	52.112	ng		88
9) Benzaldehyde	7.27	77	56856	16.840	ng		89
10) Phenol	7.33	94	232036	46.311	ng		90
11) bis(2-Chloroethyl)ether	7.55	93	187373	46.837	ng		90
12) 1,3-Dichlorobenzene	8.17	146	197092	42.506	ng		96
13) 1,4-Dichlorobenzene	8.17	146	197092	41.946	ng		95
14) 1,2-Dichlorobenzene	8.49	146	192647	42.717	ng		99
15) Benzyl Alcohol	8.38	79	177412	45.843	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	269755	61.046	ng		92
17) 2-Methylphenol	8.58	107	177004	50.731	ng		96
18) Hexachloroethane	9.22	117	66551	40.695	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	155978	42.520	ng	#	95
20) 3+4-Methylphenols	8.92	107	242719	48.923	ng		95
22) Acetophenone	8.96	105	306569	45.807	ng	#	92
24) Nitrobenzene	9.35	77	224222	48.391	ng	#	89
25) Isophorone	9.86	82	443316	50.112	ng	#	93
26) 2-Nitrophenol	10.06	139	125695	52.043	ng	#	86
27) 2,4-Dimethylphenol	10.12	122	208666	58.195	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	274825	49.325	ng		97
29) 2,4-Dichlorophenol	10.61	162	236110	54.837	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	243105	47.292	ng		99
31) Naphthalene	11.00	128	636089	48.140	ng		98
32) Benzoic acid	10.28	122	8720m	8.237	ng		
33) 4-Chloroaniline	11.12	127	17857	3.087	ng	#	86
34) Hexachlorobutadiene	11.27	225	153398	43.028	ng		96
35) Caprolactam	11.87	113	61937m	35.214	ng		
36) 4-Chloro-3-methylphenol	12.23	107	239087	51.019	ng	#	85
37) 2-Methylnaphthalene	12.60	142	505116	49.519	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	314647	43.583	ng		96
40) Hexachlorocyclopentadiene	12.94	237	231609	85.843	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	212739	51.546	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	231348	51.233	ng	#	91
45) 1,1'-Biphenyl	13.59	154	686460	45.510	ng		98
46) 2-Chloronaphthalene	13.64	162	545135	50.090	ng		96
47) 2-Nitroaniline	13.84	65	155182	48.108	ng	#	80
48) Acenaphthylene	14.48	152	842080	47.275	ng		98
49) Dimethylphthalate	14.21	163	749551	47.658	ng		99
50) 2,6-Dinitrotoluene	14.33	165	171771	52.988	ng	#	74
51) Acenaphthene	14.82	154	536273	48.207	ng		99
52) 3-Nitroaniline	14.67	138	24745	7.189	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	66215	40.271	ng	#	48
54) Dibenzofuran	15.15	168	877095	49.499	ng		99
55) 4-Nitrophenol	14.99	139	211171	86.123	ng	#	78
56) 2,4-Dinitrotoluene	15.12	165	244886	52.253	ng	#	71
57) Fluorene	15.80	166	706960	49.143	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	231826	53.866	ng	#	90
59) Diethylphthalate	15.56	149	740620	46.358	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	416332	47.919	ng		92
61) 4-Nitroaniline	15.83	138	162456	44.571	ng		84
62) Azobenzene	16.08	77	588526	48.303	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	85686	28.153	ng		76
65) n-Nitrosodiphenylamine	16.00	169	658876	47.486	ng		100
66) 4-Bromophenyl-phenylether	16.68	248	275438	47.495	ng		94
67) Hexachlorobenzene	16.81	284	284363	46.147	ng		95
68) Atrazine	16.94	200	273530	47.780	ng		97
69) Pentachlorophenol	17.15	266	270039	79.278	ng		99
70) Phenanthrene	17.54	178	1208856	50.705	ng		98
71) Anthracene	17.63	178	1228140	51.411	ng		99
72) Carbazole	17.90	167	1140271	50.943	ng		98
73) Di-n-butylphthalate	18.44	149	1291008	46.975	ng		99
74) Fluoranthene	19.54	202	1568289	51.955	ng		97
76) Benzidine	19.71	184	355961	21.053	ng		99
77) Pyrene	19.90	202	1586390	50.789	ng		96
79) Butylbenzylphthalate	20.76	149	637064	51.154	ng	#	83
80) Benzo(a)anthracene	21.75	228	1626087	49.734	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	190285	14.418	ng		99
82) Chrysene	21.82	228	1534519	50.736	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	892069	49.623	ng		99
84) Di-n-octyl phthalate	22.86	149	1520727	51.974	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1803817	49.058	ng		98
87) Benzo(b)fluoranthene	24.02	252	1633236	51.350	ng		99
88) Benzo(k)fluoranthene	24.10	252	1599381	50.732	ng		97
89) Benzo(a)pyrene	24.92	252	1580198	52.298	ng		100
90) Dibenzo(a,h)anthracene	28.92	278	1488068	48.183	ng		97
91) Benzo(g,h,i)perylene	30.05	276	1492048	49.778	ng		97

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

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