Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031494.D
Acq On : 12 Dec 2017 16:24
Operator : SJ/JU
Sample : I6675-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-121117-AMS

Manual Integrations APPROVED
Sohil
12/13/2017 12:03:26 PM

Quant Time: Dec 13 06:29:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54303	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	237154	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	166520	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	448528	20.00	ng		0.00
75) Chrysene-d12	21.75	240	491196	20.00	ng		0.00
86) Perylene-d12	25.03	264	486001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	425893	139.02	ng		0.00
7) Phenol-d6	7.28	99	507460	119.32	ng		0.00
23) Nitrobenzene-d5	9.28	82	361036	93.83	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	299249	153.39	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1009419	88.98	ng		0.00
78) Terphenyl-d14	20.07	244	1911819	88.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	59814	40.919	ng	#	79
3) Pyridine	3.93	79	119630	31.083	ng		91
4) n-Nitrosodimethylamine	3.84	42	75063	41.407	ng	#	91
6) Aniline	7.43	93	70645	12.613	ng	#	89
8) 2-Chlorophenol	7.68	128	175752	51.430	ng		89
9) Benzaldehyde	7.25	77	45632	18.510	ng		87
10) Phenol	7.31	94	192085	43.965	ng		93
11) bis(2-Chloroethyl)ether	7.52	93	165826	46.503	ng		88
12) 1,3-Dichlorobenzene	8.00	146	184471	45.393	ng		96
13) 1,4-Dichlorobenzene	8.15	146	189705	44.916	ng		94
14) 1,2-Dichlorobenzene	8.46	146	180660	44.904	ng		99
15) Benzyl Alcohol	8.35	79	149740	45.008	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.64	45	244348	60.994	ng		92
17) 2-Methylphenol	8.56	107	148034	49.706	ng		95
18) Hexachloroethane	9.19	117	63556	44.642	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	133940	40.012	ng	#	93
20) 3+4-Methylphenols	8.89	107	203681	45.909	ng		97
22) Acetophenone	8.93	105	256006	44.998	ng	#	92
24) Nitrobenzene	9.32	77	199238	50.533	ng		89
25) Isophorone	9.84	82	379666	52.214	ng	#	92
26) 2-Nitrophenol	10.04	139	101428	52.025	ng	#	87
27) 2,4-Dimethylphenol	10.09	122	173961	58.738	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	230318	49.062	ng		94
29) 2,4-Dichlorophenol	10.59	162	194975	55.878	ng		91
30) 1,2,4-Trichlorobenzene	10.79	180	213138	47.820	ng		96
31) Naphthalene	10.97	128	575823	49.424	ng		97
32) Benzoic acid	10.26	122	69351	42.088	ng	#	81
33) 4-Chloroaniline	11.11	127	15273	3.019	ng		98
34) Hexachlorobutadiene	11.25	225	134089	45.355	ng		96
35) Caprolactam	11.87	113	51021m	37.238	ng		
36) 4-Chloro-3-methylphenol	12.21	107	203674	51.137	ng	#	89
37) 2-Methylnaphthalene	12.57	142	435463	48.273	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	259170	39.823	ng		98
40) Hexachlorocyclopentadiene	12.91	237	177552	79.517	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	179254	53.911	ng		98
43) 2,4,5-Trichlorophenol	13.27	196	197593	55.167	ng	#	93
45) 1,1'-Biphenyl	13.56	154	571334	41.774	ng		96
46) 2-Chloronaphthalene	13.62	162	478957	47.846	ng		97
47) 2-Nitroaniline	13.82	65	135196	48.062	ng	#	76
48) Acenaphthylene	14.46	152	736689	45.736	ng		99
49) Dimethylphthalate	14.18	163	662809	48.078	ng		99
50) 2,6-Dinitrotoluene	14.31	165	149134	50.610	ng	#	79
51) Acenaphthene	14.80	154	469322	46.081	ng		99
52) 3-Nitroaniline	14.65	138	41528	13.825	ng	#	73
53) 2,4-Dinitrophenol	14.86	184	141620	111.188	ng	#	51
54) Dibenzofuran	15.13	168	775449	47.713	ng		99
55) 4-Nitrophenol	14.97	139	196334	95.990	ng	#	87
56) 2,4-Dinitrotoluene	15.10	165	219168	52.366	ng	#	74
57) Fluorene	15.78	166	619716	47.588	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	195466	58.059	ng		89
59) Diethylphthalate	15.53	149	668818	48.399	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	361590	45.384	ng		94
61) 4-Nitroaniline	15.81	138	147905	46.920	ng		91
62) Azobenzene	16.06	77	546538	47.745	ng		95
64) 4,6-Dinitro-2-methylphenol	15.87	198	113901	42.573	ng		80
65) n-Nitrosodiphenylamine	15.98	169	585499	44.597	ng		99
66) 4-Bromophenyl-phenylether	16.66	248	242117	46.421	ng		98
67) Hexachlorobenzene	16.78	284	247152	45.890	ng		97
68) Atrazine	16.92	200	246192	51.286	ng		97
69) Pentachlorophenol	17.13	266	236193	90.439	ng		98
70) Phenanthrene	17.52	178	1103404	47.104	ng		98
71) Anthracene	17.61	178	1112412	48.016	ng		99
72) Carbazole	17.88	167	1052921	50.222	ng		99
73) Di-n-butylphthalate	18.42	149	1196871	49.435	ng		100
74) Fluoranthene	19.52	202	1419722	48.429	ng		97
76) Benzidine	19.70	184	146999	12.860	ng		97
77) Pyrene	19.88	202	1442268	47.255	ng		96
79) Butylbenzylphthalate	20.74	149	564288	52.702	ng		85
80) Benzo(a)anthracene	21.73	228	1423765	48.022	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	212714	20.615	ng		98
82) Chrysene	21.80	228	1350419	47.512	ng		97
83) Bis(2-ethylhexyl)phthalate	21.60	149	772162	50.126	ng		99
84) Di-n-octyl phthalate	22.82	149	1306928	51.434	ng		95
85) Indeno(1,2,3-cd)pyrene	28.81	276	1563571	51.475	ng		99
87) Benzo(b)fluoranthene	23.99	252	1390924	47.871	ng		98
88) Benzo(k)fluoranthene	24.06	252	1410036	47.554	ng		98
89) Benzo(a)pyrene	24.88	252	1372480	49.794	ng		99
90) Dibenzo(a,h)anthracene	28.85	278	1314214	49.861	ng		99
91) Benzo(g,h,i)perylene	29.99	276	1308285	50.488	ng		99

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

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