Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030994.D
Acq On : 14 Nov 2017 4:43
Operator : SJ/JU
Sample : I6300-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-03-111017MSD

Manual Integrations APPROVED
SOHIL
11/14/2017 5:22:44 PM

Quant Time: Nov 14 07:38:08 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	45370	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	192416	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	129579	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	339996	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	414207	20.00	ng		0.00
86) Perylene-d12	25.08	264	430125	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	389027	147.03	ng		0.00
7) Phenol-d6	7.31	99	468961	131.56	ng		0.00
23) Nitrobenzene-d5	9.31	82	327004	100.70	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	371044	177.01	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	974259	108.03	ng		-0.01
78) Terphenyl-d14	20.09	244	1841333	98.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	39485	36.774	ng		85
3) Pyridine	3.98	79	68690	22.036	ng		92
4) n-Nitrosodimethylamine	3.88	42	61819	41.845	ng	#	86
6) Aniline	7.46	93	100816	21.491	ng		96
8) 2-Chlorophenol	7.71	128	164267	56.259	ng		88
9) Benzaldehyde	7.28	77	53840	21.584	ng		82
10) Phenol	7.34	94	180168	48.671	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	146964	49.723	ng		89
12) 1,3-Dichlorobenzene	8.03	146	183084	53.444	ng		98
13) 1,4-Dichlorobenzene	8.18	146	183884	52.970	ng		94
14) 1,2-Dichlorobenzene	8.50	146	177242	53.195	ng		98
15) Benzyl Alcohol	8.38	79	146270	51.158	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.67	45	214307	65.643	ng		91
17) 2-Methylphenol	8.59	107	134351	52.119	ng		94
18) Hexachloroethane	9.23	117	64771	53.608	ng		91
19) n-Nitroso-di-n-propylamine	8.95	70	126356	46.621	ng	#	95
20) 3+4-Methylphenols	8.92	107	191201	52.163	ng		93
22) Acetophenone	8.97	105	246336	51.417	ng	#	93
24) Nitrobenzene	9.36	77	182139	54.911	ng	#	88
25) Isophorone	9.87	82	350445	55.337	ng	#	92
26) 2-Nitrophenol	10.07	139	101462	58.683	ng	#	89
27) 2,4-Dimethylphenol	10.12	122	163584	63.731	ng		92
28) bis(2-Chloroethoxy)methane	10.35	93	209471	52.518	ng		95
29) 2,4-Dichlorophenol	10.61	162	194809	63.203	ng		92
30) 1,2,4-Trichlorobenzene	10.82	180	214909	58.400	ng		96
31) Naphthalene	11.01	128	500381	52.900	ng		98
32) Benzoic acid	10.28	122	72508	35.578	ng	#	80
33) 4-Chloroaniline	11.13	127	23100	5.579	ng		95
34) Hexachlorobutadiene	11.28	225	149860	58.720	ng		95
35) Caprolactam	11.89	113	48541m	38.551	ng		
36) 4-Chloro-3-methylphenol	12.24	107	193605	57.712	ng	#	87
37) 2-Methylnaphthalene	12.60	142	412289	56.462	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	286171	55.644	ng	#	95
40) Hexachlorocyclopentadiene	12.94	237	245038	122.322	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	183492	62.411	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	197153	61.289	ng	#	90
45) 1,1'-Biphenyl	13.60	154	563959	52.485	ng		96
46) 2-Chloronaphthalene	13.65	162	454018	58.563	ng		95
47) 2-Nitroaniline	13.85	65	126789	55.177	ng	#	85
48) Acenaphthylene	14.49	152	684836	53.971	ng		99
49) Dimethylphthalate	14.21	163	617205	55.088	ng		99
50) 2,6-Dinitrotoluene	14.33	165	141308	61.191	ng	#	78
51) Acenaphthene	14.83	154	428301	54.046	ng		99
52) 3-Nitroaniline	14.67	138	49173	20.054	ng	#	75
53) 2,4-Dinitrophenol	14.88	184	112456	87.892	ng	#	48
54) Dibenzofuran	15.16	168	724066	57.363	ng		99
55) 4-Nitrophenol	14.99	139	182630	104.558	ng	#	85
56) 2,4-Dinitrotoluene	15.13	165	199584	59.783	ng	#	72
57) Fluorene	15.81	166	568553	55.480	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	208434	67.986	ng	#	86
59) Diethylphthalate	15.56	149	602581	52.948	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	363173	58.679	ng	#	90
61) 4-Nitroaniline	15.83	138	132434	51.005	ng		93
62) Azobenzene	16.08	77	473404	54.543	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	104885	46.411	ng		75
65) n-Nitrosodiphenylamine	16.01	169	537492	52.170	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	261468	60.719	ng		93
67) Hexachlorobenzene	16.81	284	275093	60.123	ng	#	92
68) Atrazine	16.95	200	225306	53.003	ng		94
69) Pentachlorophenol	17.16	266	289217	114.349	ng		99
70) Phenanthrene	17.55	178	988000	55.811	ng		99
71) Anthracene	17.64	178	1006743	56.756	ng		100
72) Carbazole	17.91	167	909770	54.738	ng		100
73) Di-n-butylphthalate	18.44	149	1044796	51.198	ng		100
74) Fluoranthene	19.54	202	1323197	59.035	ng		96
76) Benzidine	19.72	184	189464	14.240	ng		98
77) Pyrene	19.91	202	1344194	54.689	ng		97
79) Butylbenzylphthalate	20.77	149	507043	51.739	ng	#	82
80) Benzo(a)anthracene	21.76	228	1419903	55.187	ng		98
81) 3,3'-Dichlorobenzidine	21.67	252	325045	31.297	ng	#	99
82) Chrysene	21.82	228	1340147	56.308	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	704448	49.797	ng	#	99
84) Di-n-octyl phthalate	22.87	149	1192738	51.802	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.88	276	1714140	59.244	ng	#	93
87) Benzo(b)fluoranthene	24.03	252	1455744	55.951	ng	#	98
88) Benzo(k)fluoranthene	24.10	252	1447258	56.119	ng	#	96
89) Benzo(a)pyrene	24.93	252	1439569	58.242	ng	#	98
90) Dibenzo(a,h)anthracene	28.93	278	1438364	56.934	ng	#	95
91) Benzo(g,h,i)perylene	30.07	276	1430445	58.338	ng	#	93

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

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