Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027248.D
Acq On : 6 Jun 2017 14:16
Operator : SJ/MA
Sample : I3438-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-6MSD

Manual Integrations APPROVED
mohammad
6/8/2017 8:24:27 AM

Quant Time: Jun 06 18:44:06 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	44793	20.00	ng		-0.01
21) Naphthalene-d8	11.39	136	222405	20.00	ng		0.00
38) Acenaphthene-d10	15.15	164	152404	20.00	ng		0.00
63) Phenanthrene-d10	17.90	188	357642	20.00	ng		-0.01
75) Chrysene-d12	22.29	240	408691	20.00	ng		-0.02
86) Perylene-d12	25.99	264	370408	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	460481	156.87	ng		0.00
7) Phenol-d6	7.70	99	635087	147.39	ng		0.00
23) Nitrobenzene-d5	9.73	82	390308	110.37	ng		-0.01
41) 2,4,6-Tribromophenol	16.63	330	336571	167.71	ng		-0.01
44) 2-Fluorobiphenyl	13.78	172	1004762	92.23	ng		-0.01
78) Terphenyl-d14	20.47	244	1558361	97.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.17	88	44808	36.814	ng	#	77
3) Pyridine	4.55	79	122987	32.779	ng	#	72
4) n-Nitrosodimethylamine	4.45	42	61520	44.283	ng	#	51
6) Aniline	7.90	93	117853	21.719	ng		94
8) 2-Chlorophenol	8.14	128	164952	53.218	ng		88
9) Benzaldehyde	7.71	77	27347	9.179	ng		93
10) Phenol	7.73	94	218392	49.562	ng		77
11) bis(2-Chloroethyl)ether	7.97	93	161074	44.558	ng		86
12) 1,3-Dichlorobenzene	8.46	146	148250	42.405	ng	#	92
13) 1,4-Dichlorobenzene	8.60	146	149843	41.763	ng		98
14) 1,2-Dichlorobenzene	8.92	146	148507	42.437	ng		93
15) Benzyl Alcohol	8.79	79	169542	55.845	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	9.08	45	233473	45.138	ng		92
17) 2-Methylphenol	8.98	107	160744	51.607	ng	#	87
18) Hexachloroethane	9.66	117	52828	43.710	ng		85
19) n-Nitroso-di-n-propylamine	9.36	70	144576	47.963	ng	#	84
20) 3+4-Methylphenols	9.31	107	224488	52.029	ng		88
22) Acetophenone	9.39	105	263112	46.260	ng	#	81
24) Nitrobenzene	9.78	77	199696	49.565	ng	#	83
25) Isophorone	10.30	82	409396	49.232	ng	#	95
26) 2-Nitrophenol	10.49	139	87844	52.154	ng	#	75
27) 2,4-Dimethylphenol	10.52	122	196689	55.012	ng		92
28) bis(2-Chloroethoxy)methane	10.76	93	252542	46.902	ng		98
29) 2,4-Dichlorophenol	11.02	162	182704	55.975	ng		95
30) 1,2,4-Trichlorobenzene	11.24	180	158921	43.971	ng		98
31) Naphthalene	11.44	128	548725	45.143	ng		99
32) Benzoic acid	10.64	122	122477	49.269	ng	#	84
33) 4-Chloroaniline	11.54	127	17387	3.433	ng	#	88
34) Hexachlorobutadiene	11.71	225	93336	42.020	ng		98
35) Caprolactam	12.31	113	57735m	51.575	ng		
36) 4-Chloro-3-methylphenol	12.61	107	226799	55.439	ng		92
37) 2-Methylnaphthalene	13.01	142	413666m	46.655	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	201495	42.439	ng		98
40) Hexachlorocyclopentadiene	13.34	237	243493	96.357	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	154723	53.729	ng		95
43) 2,4,5-Trichlorophenol	13.66	196	170965	53.054	ng		96
45) 1,1'-Biphenyl	13.99	154	565958	45.496	ng		97
46) 2-Chloronaphthalene	14.04	162	425307	45.602	ng		100
47) 2-Nitroaniline	14.23	65	145893	54.009	ng	#	79
48) Acenaphthylene	14.88	152	703327	44.559	ng		99
49) Dimethylphthalate	14.59	163	598820	49.531	ng		97
50) 2,6-Dinitrotoluene	14.71	165	128868	51.946	ng	#	75
51) Acenaphthene	15.22	154	521676	50.810	ng		98
52) 3-Nitroaniline	15.04	138	40202	19.461	ng		88
53) 2,4-Dinitrophenol	15.24	184	146899	107.521	ng		95
54) Dibenzofuran	15.55	168	709459	49.448	ng		92
55) 4-Nitrophenol	15.32	139	216324	93.599	ng	#	54
56) 2,4-Dinitrotoluene	15.49	165	179201	55.717	ng	#	86
57) Fluorene	16.19	166	578960	45.432	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.76	232	165009	57.363	ng	#	100
59) Diethylphthalate	15.94	149	611374	50.698	ng		98
60) 4-Chlorophenyl-phenylether	16.17	204	301638	46.990	ng		92
61) 4-Nitroaniline	16.21	138	125397	48.089	ng	#	65
62) Azobenzene	16.47	77	595533	53.284	ng		90
64) 4,6-Dinitro-2-methylphenol	16.26	198	101027	58.830	ng		93
65) n-Nitrosodiphenylamine	16.39	169	524173	46.750	ng		99
66) 4-Bromophenyl-phenylether	17.07	248	200439	47.352	ng		98
67) Hexachlorobenzene	17.20	284	212498	46.673	ng		92
68) Atrazine	17.33	200	160943	42.924	ng		96
69) Pentachlorophenol	17.54	266	271227	101.630	ng		95
70) Phenanthrene	17.94	178	953400	47.381	ng		95
71) Anthracene	18.04	178	951367	47.194	ng		99
72) Carbazole	18.30	167	838209	44.085	ng		97
73) Di-n-butylphthalate	18.83	149	998758	54.172	ng	#	94
74) Fluoranthene	19.93	202	1059697	49.298	ng		95
76) Benzidine	20.10	184	80425	6.533	ng	#	92
77) Pyrene	20.29	202	1094349	44.318	ng		97
79) Butylbenzylphthalate	21.19	149	450759	51.661	ng		90
80) Benzo(a)anthracene	22.27	228	1095695	47.012	ng		96
81) 3,3'-Dichlorobenzidine	22.16	252	190863	21.050	ng	#	97
82) Chrysene	22.34	228	1021110	45.633	ng		97
83) Bis(2-ethylhexyl)phthalate	22.14	149	642256	48.708	ng		100
84) Di-n-octyl phthalate	23.52	149	1093342	50.065	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.26	276	1285315	47.429	ng	#	94
87) Benzo(b)fluoranthene	24.81	252	1118453	48.687	ng	#	96
88) Benzo(k)fluoranthene	24.88	252	1074890	47.695	ng	#	94
89) Benzo(a)pyrene	25.82	252	1056382	48.849	ng	#	94
90) Dibenzo(a,h)anthracene	30.35	278	1109428	49.008	ng	#	95
91) Benzo(g,h,i)perylene	31.60	276	1046729	47.744	ng	#	91

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

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