Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027247.D
Acq On : 6 Jun 2017 13:37
Operator : SJ/MA
Sample : I3438-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-6MS

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

Quant Time: Jun 06 18:40:24 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	45460	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	216593	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	146970	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	358825	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	413140	20.00	ng	-0.02
86) Perylene-d12	25.99	264	380490	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	477458	160.27	ng	0.00
7) Phenol-d6	7.70	99	639047	146.13	ng	0.00
23) Nitrobenzene-d5	9.73	82	396903	115.24	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	345171	178.35	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	997484	94.95	ng	-0.01
78) Terphenyl-d14	20.48	244	1639821	101.25	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	4.17	88	53624	43.411	ng	# 73
3) Pyridine	4.56	79	128674	33.791	ng	# 73
4) n-Nitrosodimethylamine	4.45	42	70494	49.998	ng	# 47
6) Aniline	7.90	93	147179	26.726	ng	# 91
8) 2-Chlorophenol	8.14	128	175272	55.717	ng	88
9) Benzaldehyde	7.71	77	40037	13.242	ng	80
10) Phenol	7.73	94	228281	51.046	ng	# 75
11) bis(2-Chloroethyl)ether	7.98	93	177623	48.415	ng	# 83
12) 1,3-Dichlorobenzene	8.46	146	162572m	45.820	ng	
13) 1,4-Dichlorobenzene	8.60	146	166921	45.840	ng	96
14) 1,2-Dichlorobenzene	8.92	146	163551	46.050	ng	91
15) Benzyl Alcohol	8.79	79	177234	57.522	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	9.08	45	249725	47.572	ng	91
17) 2-Methylphenol	8.98	107	166990	52.825	ng	# 84
18) Hexachloroethane	9.66	117	57625	46.979	ng	87
19) n-Nitroso-di-n-propylamine	9.36	70	150264	49.118	ng	# 85
20) 3+4-Methylphenols	9.31	107	230800	52.707	ng	89
22) Acetophenone	9.39	105	278240	50.233	ng	# 82
24) Nitrobenzene	9.78	77	208566	53.156	ng	# 85
25) Isophorone	10.30	82	422189	52.133	ng	# 95
26) 2-Nitrophenol	10.49	139	92655	55.889	ng	# 79
27) 2,4-Dimethylphenol	10.52	122	204351	58.688	ng	92
28) bis(2-Chloroethoxy)methane	10.76	93	263297	50.212	ng	100
29) 2,4-Dichlorophenol	11.02	162	188220	59.212	ng	96
30) 1,2,4-Trichlorobenzene	11.24	180	167366	47.550	ng	98
31) Naphthalene	11.44	128	577744	48.806	ng	99
32) Benzoic acid	10.63	122	125437	51.400	ng	# 85
33) 4-Chloroaniline	11.54	127	49073	9.948	ng	# 88
34) Hexachlorobutadiene	11.71	225	99314	45.911	ng	98
35) Caprolactam	12.31	113	57515m	52.757	ng	
36) 4-Chloro-3-methylphenol	12.61	107	233556	58.622	ng	90
37) 2-Methylnaphthalene	13.01	142	428421m	49.615	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	208915	45.629	ng	99
40) Hexachlorocyclopentadiene	13.34	237	253847	104.168	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	157948	56.876	ng		96
43) 2,4,5-Trichlorophenol	13.66	196	175777	56.564	ng		96
45) 1,1'-Biphenyl	13.99	154	580849	48.419	ng		99
46) 2-Chloronaphthalene	14.04	162	435913	48.467	ng		98
47) 2-Nitroaniline	14.23	65	152275	57.893	ng	#	80
48) Acenaphthylene	14.88	152	722880	47.491	ng		98
49) Dimethylphthalate	14.59	163	616816	52.906	ng		98
50) 2,6-Dinitrotoluene	14.71	165	132333	54.951	ng	#	75
51) Acenaphthene	15.22	154	540084	54.548	ng		100
52) 3-Nitroaniline	15.05	138	75649	32.538	ng		85
53) 2,4-Dinitrophenol	15.25	184	154842	114.000	ng		94
54) Dibenzofuran	15.55	168	732936	52.973	ng		93
55) 4-Nitrophenol	15.33	139	229697	102.441	ng	#	55
56) 2,4-Dinitrotoluene	15.49	165	188201	60.057	ng	#	87
57) Fluorene	16.20	166	603299	49.092	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	171947m	61.985	ng		
59) Diethylphthalate	15.94	149	634284	54.543	ng		98
60) 4-Chlorophenyl-phenylether	16.18	204	310845	50.214	ng		92
61) 4-Nitroaniline	16.21	138	139742	54.655	ng	#	65
62) Azobenzene	16.47	77	616999	57.245	ng		88
64) 4,6-Dinitro-2-methylphenol	16.26	198	107117	61.205	ng		92
65) n-Nitrosodiphenylamine	16.39	169	553301	49.185	ng		98
66) 4-Bromophenyl-phenylether	17.07	248	210430	49.549	ng		95
67) Hexachlorobenzene	17.20	284	223381	48.902	ng		90
68) Atrazine	17.33	200	119371	31.732	ng		97
69) Pentachlorophenol	17.54	266	293543	109.629	ng		97
70) Phenanthrene	17.94	178	1014032	50.228	ng		96
71) Anthracene	18.04	178	1016179	50.243	ng		99
72) Carbazole	18.29	167	901023	47.233	ng		95
73) Di-n-butylphthalate	18.83	149	1082000	58.494	ng	#	94
74) Fluoranthene	19.93	202	1153719	53.495	ng		94
76) Benzidine	20.10	184	62087	4.989	ng		98
77) Pyrene	20.29	202	1185184	47.479	ng		97
79) Butylbenzylphthalate	21.19	149	484751	54.959	ng		91
80) Benzo(a)anthracene	22.27	228	1173897	49.825	ng		97
81) 3,3'-Dichlorobenzidine	22.16	252	274658	29.966	ng	#	98
82) Chrysene	22.34	228	1097242	48.507	ng		97
83) Bis(2-ethylhexyl)phthalate	22.14	149	691725	51.895	ng		100
84) Di-n-octyl phthalate	23.52	149	1177878	53.355	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.26	276	1390770	50.768	ng	#	93
87) Benzo(b)fluoranthene	24.80	252	1189510	50.408	ng	#	96
88) Benzo(k)fluoranthene	24.89	252	1167858	50.447	ng	#	95
89) Benzo(a)pyrene	25.82	252	1134789	51.084	ng	#	96
90) Dibenzo(a,h)anthracene	30.35	278	1197407	51.492	ng	#	95
91) Benzo(g,h,i)perylene	31.61	276	1140053	50.623	ng	#	92

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

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