Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027244.D
Acq On : 6 Jun 2017 11:39
Operator : SJ/MA
Sample : I3436-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-09-COMPMS

Manual Integrations APPROVED

Quant Time: Jun 07 14:07:14 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	49300	20.00	ng	0.00	
21) Naphthalene-d8	11.39	136	242091	20.00	ng	0.00	
38) Acenaphthene-d10	15.15	164	161509	20.00	ng	0.00	
63) Phenanthrene-d10	17.90	188	380507	20.00	ng	-0.02	
75) Chrysene-d12	22.29	240	428373	20.00	ng	-0.02	
86) Perylene-d12	25.98	264	397699	20.00	ng	-0.04	mohammad
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	515978	159.71	ng	0.00	
7) Phenol-d6	7.70	99	739021	155.83	ng	0.00	
23) Nitrobenzene-d5	9.73	82	403295	104.77	ng	0.00	6/8/2017 8:24:18 AM
41) 2,4,6-Tribromophenol	16.64	330	327067	153.78	ng	0.00	
44) 2-Fluorobiphenyl	13.78	172	1005645	87.11	ng	-0.02	
78) Terphenyl-d14	20.48	244	1454575	86.62	ng	-0.02	
Target Compounds						Qvalue	
2) 1,4-Dioxane	4.16	88	51090	38.138	ng	# 77	
3) Pyridine	4.54	79	146572	35.493	ng	# 74	
4) n-Nitrosodimethylamine	4.45	42	68945	45.091	ng	# 50	
6) Aniline	7.89	93	126702	21.216	ng	92	
8) 2-Chlorophenol	8.13	128	180254	52.838	ng	89	
9) Benzaldehyde	7.71	77	105634	32.216	ng	84	
10) Phenol	7.73	94	261496	53.919	ng	# 75	
11) bis(2-Chloroethyl)ether	7.98	93	174793	43.933	ng	# 81	
12) 1,3-Dichlorobenzene	8.46	146	166730	43.331	ng	# 91	
13) 1,4-Dichlorobenzene	8.60	146	172390	43.655	ng	96	
14) 1,2-Dichlorobenzene	8.92	146	167664	43.531	ng	91	
15) Benzyl Alcohol	8.79	79	175916	52.647	ng	# 85	
16) 2,2'-oxybis(1-Chloropropan	9.08	45	254598	44.723	ng	92	
17) 2-Methylphenol	8.98	107	172805	50.407	ng	# 85	
18) Hexachloroethane	9.66	117	59696	44.877	ng	88	
19) n-Nitroso-di-n-propylamine	9.36	70	151951	45.801	ng	# 83	
20) 3+4-Methylphenols	9.30	107	241402	50.834	ng	89	
22) Acetophenone	9.39	105	280785	45.353	ng	# 83	
24) Nitrobenzene	9.77	77	211886	48.314	ng	# 86	
25) Isophorone	10.30	82	420525	46.458	ng	# 95	
26) 2-Nitrophenol	10.49	139	91315	50.130	ng	# 77	
27) 2,4-Dimethylphenol	10.52	122	206537	53.069	ng	91	
28) bis(2-Chloroethoxy)methane	10.77	93	264211	45.079	ng	98	
29) 2,4-Dichlorophenol	11.02	162	188416	53.031	ng	97	
30) 1,2,4-Trichlorobenzene	11.24	180	175274	44.552	ng	98	
31) Naphthalene	11.44	128	575700	43.511	ng	99	
33) 4-Chloroaniline	11.53	127	62154	11.273	ng	# 90	
34) Hexachlorobutadiene	11.71	225	101820	42.112	ng	97	
35) Caprolactam	12.31	113	65920m	54.098	ng		
36) 4-Chloro-3-methylphenol	12.61	107	230985	51.871	ng	93	
37) 2-Methylnaphthalene	13.01	142	433701m	44.937	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	212296	42.194	ng	98	
40) Hexachlorocyclopentadiene	13.34	237	259388	96.860	ng	94	
42) 2,4,6-Trichlorophenol	13.59	196	154385	50.589	ng	95	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.66	196	166334	48.707	ng		96
45) 1,1'-Biphenyl	13.99	154	577474	43.805	ng		98
46) 2-Chloronaphthalene	14.04	162	436268	44.140	ng		99
47) 2-Nitroaniline	14.23	65	141960	50.149	ng	#	81
48) Acenaphthylene	14.87	152	709755	42.431	ng		98
49) Dimethylphthalate	14.59	163	762137	59.486	ng		98
50) 2,6-Dinitrotoluene	14.71	165	126399	48.497	ng	#	75
51) Acenaphthene	15.21	154	488522	44.899	ng		98
52) 3-Nitroaniline	15.04	138	50855	22.124	ng		88
53) 2,4-Dinitrophenol	15.24	184	93994	76.490	ng	#	81
54) Dibenzofuran	15.54	168	706277	46.451	ng		91
55) 4-Nitrophenol	15.33	139	223761	91.505	ng	#	54
56) 2,4-Dinitrotoluene	15.49	165	175262	51.959	ng	#	85
57) Fluorene	16.20	166	576751	42.707	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	161904	53.110	ng		99
59) Diethylphthalate	15.94	149	595940	46.633	ng		97
60) 4-Chlorophenyl-phenylether	16.18	204	299166	43.977	ng		92
61) 4-Nitroaniline	16.21	138	132686	48.025	ng	#	66
62) Azobenzene	16.47	77	585895	49.466	ng		90
64) 4,6-Dinitro-2-methylphenol	16.25	198	91811	52.512	ng		94
65) n-Nitrosodiphenylamine	16.39	169	522036	43.761	ng		99
66) 4-Bromophenyl-phenylether	17.07	248	199702	44.343	ng		97
67) Hexachlorobenzene	17.20	284	210021	43.357	ng	#	88
68) Atrazine	17.33	200	193041	48.391	ng		98
69) Pentachlorophenol	17.54	266	257938	90.843	ng		96
70) Phenanthrene	17.95	178	940181	43.917	ng		96
71) Anthracene	18.04	178	942563	43.948	ng		99
72) Carbazole	18.30	167	839116	41.481	ng		95
73) Di-n-butylphthalate	18.83	149	1008006	51.388	ng	#	94
74) Fluoranthene	19.93	202	1050085	45.915	ng		94
76) Benzidine	20.10	184	291515	22.591	ng		98
77) Pyrene	20.30	202	1084428	41.898	ng		98
79) Butylbenzylphthalate	21.18	149	442996	48.439	ng		92
80) Benzo(a)anthracene	22.27	228	1068017	43.719	ng		96
81) 3,3'-Dichlorobenzidine	22.16	252	167634	17.639	ng		96
82) Chrysene	22.35	228	1005870	42.887	ng		97
83) Bis(2-ethylhexyl)phthalate	22.14	149	633392	45.829	ng		100
84) Di-n-octyl phthalate	23.52	149	1086855	47.481	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.27	276	1261061	44.396	ng	#	93
87) Benzo(b)fluoranthene	24.81	252	1070464	43.400	ng	#	96
88) Benzo(k)fluoranthene	24.89	252	1075300	44.439	ng	#	94
89) Benzo(a)pyrene	25.81	252	1042571	44.902	ng	#	95
90) Dibenzo(a,h)anthracene	30.34	278	1089309	44.817	ng	#	95
91) Benzo(g,h,i)perylene	31.61	276	1033647	43.912	ng	#	90

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

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