Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030555.D
Acq On : 29 Oct 2017 10:01
Operator : SJ/JU
Sample : I6153-01MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Manual Integrations APPROVED

Sohil

Quant Time: Oct 30 07:51:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

10/30/2017 6:26:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	80293	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	363290	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	229435	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	532403	20.00	ng		-0.01
75) Chrysene-d12	21.80	240	558143	20.00	ng		0.00
86) Perylene-d12	25.11	264	564673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	655038	136.29	ng		0.01
7) Phenol-d6	7.34	99	793772	117.66	ng		0.01
23) Nitrobenzene-d5	9.34	82	569492	99.62	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	452520	152.76	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1443455	92.27	ng		0.00
78) Terphenyl-d14	20.11	244	2002168	81.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	74691	38.301	ng	#	50
3) Pyridine	4.02	79	193857	34.136	ng		92
4) n-Nitrosodimethylamine	3.90	42	140986	53.110	ng	#	89
6) Aniline	7.51	93	37268	4.461	ng	#	94
8) 2-Chlorophenol	7.74	128	212452	38.563	ng		92
9) Benzaldehyde	7.30	77	120451	35.496	ng		88
10) Phenol	7.37	94	286913	39.447	ng		90
11) bis(2-Chloroethyl)ether	7.58	93	212612	40.121	ng		91
12) 1,3-Dichlorobenzene	8.06	146	239398	38.705	ng		94
13) 1,4-Dichlorobenzene	8.21	146	247816	39.243	ng		95
14) 1,2-Dichlorobenzene	8.53	146	243034	39.900	ng		98
15) Benzyl Alcohol	8.42	79	218274	45.911	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	358303	39.814	ng		95
17) 2-Methylphenol	8.62	107	203143	42.044	ng		98
18) Hexachloroethane	9.26	117	92987	43.209	ng		98
19) n-Nitroso-di-n-propylamine	8.98	70	189699	41.354	ng	#	95
20) 3+4-Methylphenols	8.94	107	303208	44.537	ng		96
22) Acetophenone	8.99	105	358073	40.899	ng	#	95
24) Nitrobenzene	9.38	77	429246	66.779	ng		93
25) Isophorone	9.91	82	525281	44.013	ng	#	93
26) 2-Nitrophenol	10.09	139	140825	45.839	ng		92
27) 2,4-Dimethylphenol	10.15	122	196102	35.281	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	315709	43.140	ng		96
29) 2,4-Dichlorophenol	10.63	162	260926	44.021	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	272273	42.519	ng		98
31) Naphthalene	11.04	128	732773	40.472	ng		98
32) Benzoic acid	10.15	122	196102	42.136	ng	#	6
34) Hexachlorobutadiene	11.31	225	173377	43.547	ng		95
35) Caprolactam	11.93	113	67696m	34.365	ng		
36) 4-Chloro-3-methylphenol	12.25	107	271941	41.715	ng		88
37) 2-Methylnaphthalene	12.63	142	570733	43.251	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	315976	37.721	ng		97
40) Hexachlorocyclopentadiene	12.97	237	400002	123.371	ng		94
42) 2,4,6-Trichlorophenol	13.23	196	230473	43.829	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	249163	46.138	ng		97
45) 1,1'-Biphenyl	13.62	154	792092	40.165	ng		96
46) 2-Chloronaphthalene	13.67	162	588372	40.903	ng		97
47) 2-Nitroaniline	13.86	65	71827	18.179	ng	#	84
48) Acenaphthylene	14.51	152	907359	40.305	ng		98
49) Dimethylphthalate	14.23	163	792464	44.269	ng		98
50) 2,6-Dinitrotoluene	14.35	165	172181	45.883	ng	#	82
51) Acenaphthene	14.85	154	567309	38.731	ng		98
52) 3-Nitroaniline	14.69	138	31403	7.755	ng	#	77
53) 2,4-Dinitrophenol	14.89	184	210205	99.922	ng	#	53
54) Dibenzofuran	15.18	168	908922	43.468	ng		98
55) 4-Nitrophenol	14.99	139	257108	77.015	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	245563	48.340	ng	#	77
57) Fluorene	15.83	166	719295	41.641	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	231989	51.489	ng		93
59) Diethylphthalate	15.59	149	767410	43.016	ng		97
60) 4-Chlorophenyl-phenylether	15.81	204	413687	44.918	ng		95
61) 4-Nitroaniline	15.83	138	32648	7.852	ng	#	67
62) Azobenzene	16.11	77	697307	46.351	ng		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	132977	44.346	ng		82
65) n-Nitrosodiphenylamine	16.03	169	617819	38.738	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	269420	44.101	ng		98
67) Hexachlorobenzene	16.83	284	285704	41.286	ng		94
68) Atrazine	16.97	200	213970	37.600	ng		98
69) Pentachlorophenol	17.17	266	345549	86.925	ng		97
70) Phenanthrene	17.57	178	1149688	41.800	ng		97
71) Anthracene	17.65	178	1121651	40.614	ng		98
72) Carbazole	17.92	167	1061411	40.008	ng		97
73) Di-n-butylphthalate	18.46	149	1255616	41.151	ng		99
74) Fluoranthene	19.56	202	1372390	42.661	ng		97
76) Benzidine	19.75	184	38291	2.272	ng	#	88
77) Pyrene	19.92	202	1401602	41.396	ng		95
79) Butylbenzylphthalate	20.79	149	602827	41.791	ng		86
80) Benzo(a)anthracene	21.78	228	1405102	42.878	ng		98
82) Chrysene	21.84	228	1341218	42.737	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	848585	40.991	ng		100
84) Di-n-octyl phthalate	22.90	149	1431351	39.672	ng		96
85) Indeno(1,2,3-cd)pyrene	28.91	276	1712587	44.357	ng		98
87) Benzo(b)fluoranthene	24.05	252	1453453	44.960	ng		99
88) Benzo(k)fluoranthene	24.12	252	1399314	43.448	ng		97
89) Benzo(a)pyrene	24.95	252	1331361	42.839	ng		100
90) Dibenzo(a,h)anthracene	28.96	278	1420079	45.134	ng		97
91) Benzo(g,h,i)perylene	30.09	276	1422143	48.646	ng		98

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

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