Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG061716\
Data File : BG022428.D
Acq On : 18 Jun 2016 17:58
Operator : UM/SJ
Sample : H3607-07MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-MW2-15MS

Manual Integrations APPROVED
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6/20/2016 6:52:34 PM

Quant Time: Jun 28 09:18:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24279	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	128546	20.00	ng		-0.05
38) Acenaphthene-d10	14.68	164	77314	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	170118	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	145455	20.00	ng		-0.05
86) Perylene-d12	24.93	264	129409	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	94981	75.64	ng		-0.03
7) Phenol-d6	7.23	99	92170	46.68	ng		-0.02
23) Nitrobenzene-d5	9.22	82	180147	97.70	ng		-0.04
41) 2,4,6-Tribromophenol	16.18	330	105725	121.02	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	477157	94.05	ng		-0.04
78) Terphenyl-d14	20.02	244	551294	89.98	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	10067	16.72	ng	#	59
3) Pyridine	3.83	79	18251	11.22	ng		96
4) n-Nitrosodimethylamine	3.75	42	7907	21.73	ng	#	85
6) Aniline	7.37	93	39804	15.87	ng	#	82
8) 2-Chlorophenol	7.61	128	71155	41.00	ng	#	82
10) Phenol	7.26	94	32132	15.79	ng		85
11) bis(2-Chloroethyl)ether	7.46	93	74761	46.06	ng	#	73
12) 1,3-Dichlorobenzene	7.93	146	73938	39.74	ng	#	91
13) 1,4-Dichlorobenzene	8.07	146	75544	40.75	ng		95
14) 1,2-Dichlorobenzene	8.40	146	77120	41.27	ng		96
15) Benzyl Alcohol	8.30	79	37817	29.65	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.57	45	89567	53.19	ng		85
17) 2-Methylphenol	8.51	107	53450	35.19	ng	#	88
18) Hexachloroethane	9.12	117	28923	42.73	ng		86
19) n-Nitroso-di-n-propylamine	8.85	70	66468	49.73	ng	#	70
20) 3+4-Methylphenols	8.85	107	66050	30.31	ng	#	89
22) Acetophenone	8.87	105	126283	45.59	ng	#	85
24) Nitrobenzene	9.26	77	90274	48.69	ng	#	87
25) Isophorone	9.78	82	199042	46.14	ng		95
26) 2-Nitrophenol	9.98	139	47198	46.94	ng	#	78
27) 2,4-Dimethylphenol	10.04	122	80033	43.98	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	117631	47.60	ng		95
29) 2,4-Dichlorophenol	10.53	162	76317	45.27	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	77798	41.30	ng		94
31) Naphthalene	10.91	128	284981	44.41	ng	#	96
32) Benzoic acid	10.19	122	8439	21.26	ng		85
33) 4-Chloroaniline	11.04	127	33263	12.47	ng	#	91
34) Hexachlorobutadiene	11.18	225	40354	39.90	ng		95
35) Caprolactam	11.84	113	5988	6.47	ng	#	39
36) 4-Chloro-3-methylphenol	12.17	107	87817	43.95	ng		90
37) 2-Methylnaphthalene	12.51	142	210215	44.38	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	85931	43.18	ng		98
40) Hexachlorocyclopentadiene	12.85	237	43638	45.38	ng		98
42) 2,4,6-Trichlorophenol	13.13	196	64766	48.51	ng		94

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.22	196	65051	44.10	ng		94
45) 1,1'-Biphenyl	13.51	154	279043	47.96	ng		95
46) 2-Chloronaphthalene	13.56	162	212803	47.71	ng		98
47) 2-Nitroaniline	13.78	65	56468	53.10	ng	#	67
48) Acenaphthylene	14.41	152	368537	47.09	ng		98
49) Dimethylphthalate	14.13	163	300937	46.95	ng		98
50) 2,6-Dinitrotoluene	14.27	165	65178	46.77	ng	#	84
51) Acenaphthene	14.75	154	219935	46.91	ng		96
52) 3-Nitroaniline	14.61	138	28666	18.55	ng		84
53) 2,4-Dinitrophenol	14.82	184	49681	86.30	ng	#	78
54) Dibenzofuran	15.08	168	341747	46.71	ng		99
55) 4-Nitrophenol	14.96	139	24795	23.24	ng		88
56) 2,4-Dinitrotoluene	15.06	165	91046	48.71	ng	#	90
57) Fluorene	15.73	166	288178	45.72	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	51984	39.29	ng	#	88
59) Diethylphthalate	15.49	149	313089	45.72	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	128744	45.10	ng		97
61) 4-Nitroaniline	15.77	138	47491m	28.97	ng		
62) Azobenzene	16.00	77	265437	51.19	ng		89
64) 4,6-Dinitro-2-methylphenol	15.82	198	39502	46.05	ng		85
65) n-Nitrosodiphenylamine	15.93	169	235919	48.14	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	73970	46.40	ng		97
67) Hexachlorobenzene	16.73	284	79385	42.73	ng		96
68) Atrazine	16.88	200	68814	37.93	ng		95
69) Pentachlorophenol	17.09	266	59930	71.90	ng		98
70) Phenanthrene	17.47	178	432148	46.77	ng		99
71) Anthracene	17.56	178	429994	46.92	ng		98
72) Carbazole	17.84	167	383078	44.14	ng		97
73) Di-n-butylphthalate	18.37	149	544498	47.99	ng		98
74) Fluoranthene	19.47	202	468691	44.12	ng		96
77) Pyrene	19.84	202	466479	51.59	ng		99
79) Butylbenzylphthalate	20.70	149	233277	55.63	ng	#	95
80) Benzo(a)anthracene	21.67	228	381801	46.81	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	22829	9.97	ng		98
82) Chrysene	21.74	228	372290	46.91	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	335540	54.41	ng		97
84) Di-n-octyl phthalate	22.75	149	561981	54.88	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.64	276	388320	43.61	ng	#	83
87) Benzo(b)fluoranthene	23.90	252	367382	48.68	ng	#	95
88) Benzo(k)fluoranthene	23.97	252	358451	48.25	ng	#	95
89) Benzo(a)pyrene	24.78	252	341936	47.38	ng	#	95
90) Dibenzo(a,h)anthracene	28.70	278	324255	47.71	ng	#	95
91) Benzo(g,h,i)perylene	29.81	276	332165	46.97	ng	#	91

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

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