Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031606.D
Acq On : 16 Dec 2017 2:28
Operator : SJ/JU
Sample : I6884-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Manual Integrations APPROVED
Sohil
12/18/2017 2:06:27 PM

Quant Time: Dec 16 04:31:47 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	72125	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	329183	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	231490	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	600963	20.00	ng		0.00
75) Chrysene-d12	21.74	240	605197	20.00	ng		0.00
86) Perylene-d12	25.02	264	541711	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	267482	65.74	ng		0.00
7) Phenol-d6	7.27	99	217169	38.45	ng		0.00
23) Nitrobenzene-d5	9.27	82	496045	92.88	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	421893	155.57	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1419415	90.00	ng		0.00
78) Terphenyl-d14	20.06	244	2333318	87.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	25840	13.309	ng	#	82
3) Pyridine	3.91	79	46989	9.192	ng		87
4) n-Nitrosodimethylamine	3.83	42	36439	15.134	ng	#	89
6) Aniline	7.42	93	131757	17.711	ng		91
8) 2-Chlorophenol	7.67	128	183268	40.378	ng		87
9) Benzaldehyde	7.23	77	145370	44.398	ng		87
10) Phenol	7.29	94	79736	13.741	ng		92
11) bis(2-Chloroethyl)ether	7.51	93	204524	43.183	ng		89
12) 1,3-Dichlorobenzene	7.98	146	233669	43.292	ng		97
13) 1,4-Dichlorobenzene	8.13	146	239274	42.654	ng		94
14) 1,2-Dichlorobenzene	8.45	146	232258	43.464	ng		97
15) Benzyl Alcohol	8.34	79	108251	24.498	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	303224	56.988	ng		91
17) 2-Methylphenol	8.55	107	127761	32.299	ng		93
18) Hexachloroethane	9.18	117	82184	43.462	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	169784	38.187	ng	#	95
20) 3+4-Methylphenols	8.88	107	157801	26.779	ng		93
22) Acetophenone	8.92	105	353598	44.776	ng	#	91
24) Nitrobenzene	9.31	77	250184	45.715	ng		89
25) Isophorone	9.83	82	485162	48.069	ng	#	91
26) 2-Nitrophenol	10.02	139	137915	50.964	ng		90
27) 2,4-Dimethylphenol	10.08	122	193324	47.027	ng		95
28) bis(2-Chloroethoxy)methane	10.31	93	304472	46.726	ng		95
29) 2,4-Dichlorophenol	10.57	162	246957	50.989	ng		92
30) 1,2,4-Trichlorobenzene	10.78	180	281217	45.455	ng		97
31) Naphthalene	10.96	128	702352	43.431	ng		98
32) Benzoic acid	10.24	122	12455	12.556	ng	#	67
33) 4-Chloroaniline	11.08	127	124468	17.726	ng		93
34) Hexachlorobutadiene	11.24	225	174038	42.410	ng		96
35) Caprolactam	11.86	113	12190m	6.410	ng		
36) 4-Chloro-3-methylphenol	12.20	107	236700	42.814	ng		86
37) 2-Methylnaphthalene	12.56	142	578221	46.179	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	381895	42.211	ng		98
40) Hexachlorocyclopentadiene	12.90	237	190197	66.741	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	233316	50.476	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	251932	50.597	ng	#	91
45) 1,1'-Biphenyl	13.55	154	821044	43.183	ng		98
46) 2-Chloronaphthalene	13.61	162	631650	45.390	ng		96
47) 2-Nitroaniline	13.81	65	182037	46.552	ng	#	79
48) Acenaphthylene	14.45	152	963692	43.038	ng		97
49) Dimethylphthalate	14.18	163	894108	46.653	ng		100
50) 2,6-Dinitrotoluene	14.30	165	204164	49.839	ng	#	76
51) Acenaphthene	14.79	154	613071	43.300	ng		99
52) 3-Nitroaniline	14.64	138	100002	23.948	ng	#	78
53) 2,4-Dinitrophenol	14.86	184	171959	98.262	ng	#	48
54) Dibenzofuran	15.12	168	1010661	44.732	ng		100
55) 4-Nitrophenol	14.97	139	86249	32.756	ng	#	71
56) 2,4-Dinitrotoluene	15.09	165	300958	51.726	ng	#	72
57) Fluorene	15.77	166	819587	45.273	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.35	232	253550	54.175	ng	#	87
59) Diethylphthalate	15.52	149	881304	45.877	ng		97
60) 4-Chlorophenyl-phenylether	15.75	204	491617	44.386	ng		93
61) 4-Nitroaniline	15.80	138	191564	43.714	ng		88
62) Azobenzene	16.05	77	682573	42.893	ng		94
64) 4,6-Dinitro-2-methylphenol	15.86	198	148318	41.514	ng		78
65) n-Nitrosodiphenylamine	15.97	169	771605	43.865	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	335155	47.960	ng		98
67) Hexachlorobenzene	16.78	284	341879	47.377	ng		94
68) Atrazine	16.92	200	334143	51.951	ng		98
69) Pentachlorophenol	17.13	266	254436	73.823	ng		98
70) Phenanthrene	17.51	178	1396065	44.481	ng		97
71) Anthracene	17.60	178	1430552	46.086	ng		98
72) Carbazole	17.87	167	1325136	47.173	ng		98
73) Di-n-butylphthalate	18.41	149	1510774	46.572	ng		99
74) Fluoranthene	19.51	202	1780547	45.331	ng		97
76) Benzidine	19.69	184	436319	30.980	ng		97
77) Pyrene	19.88	202	1808829	48.101	ng		95
79) Butylbenzylphthalate	20.73	149	696308	52.782	ng		86
80) Benzo(a)anthracene	21.72	228	1718169	47.036	ng		97
81) 3,3'-Dichlorobenzidine	21.63	252	459885	36.173	ng		99
82) Chrysene	21.79	228	1643126m	46.921	ng		
83) Bis(2-ethylhexyl)phthalate	21.59	149	946972	49.895	ng		99
84) Di-n-octyl phthalate	22.81	149	1511593	48.283	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.80	276	1634332	43.670	ng		98
87) Benzo(b)fluoranthene	23.98	252	1580089	48.789	ng		99
88) Benzo(k)fluoranthene	24.04	252	1590635	48.127	ng		97
89) Benzo(a)pyrene	24.87	252	1480658	48.195	ng		99
90) Dibenzo(a,h)anthracene	28.83	278	1377037	46.871	ng		97
91) Benzo(g,h,i)perylene	29.98	276	1364539	47.243	ng		97

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

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