Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
Data File : BG027751.D
Acq On : 29 Jun 2017 21:51
Operator : SJ/JU
Sample : I3905-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CAN-SB-05-11-50MSD

Manual Integrations APPROVED
mohammad
6/30/2017 2:50:47 PM

Quant Time: Jun 30 05:42:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	31253	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	161316	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	103207	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	247914	20.00	ng		0.00
75) Chrysene-d12	22.18	240	267530	20.00	ng		0.00
86) Perylene-d12	25.78	264	249192	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	317137	156.26	ng		0.00
7) Phenol-d6	7.62	99	467570	150.80	ng		0.00
23) Nitrobenzene-d5	9.64	82	266212	91.99	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	221973	156.81	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	566975	78.46	ng		0.00
78) Terphenyl-d14	20.39	244	901719	79.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.04	88	25905	34.28	ng	#	91
3) Pyridine	4.43	79	86685	37.26	ng		94
4) n-Nitrosodimethylamine	4.34	42	49851	43.69	ng	#	76
6) Aniline	7.80	93	161579	44.96	ng		98
8) 2-Chlorophenol	8.05	128	121899	53.75	ng		90
9) Benzaldehyde	7.62	77	55418	30.04	ng		89
10) Phenol	7.65	94	169290	55.19	ng		83
11) bis(2-Chloroethyl)ether	7.88	93	104595	44.89	ng		96
12) 1,3-Dichlorobenzene	8.37	146	108796	45.10	ng		93
13) 1,4-Dichlorobenzene	8.51	146	110981	44.40	ng		97
14) 1,2-Dichlorobenzene	8.83	146	110077	45.42	ng		93
15) Benzyl Alcohol	8.70	79	103076	48.06	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	233200	46.92	ng		97
17) 2-Methylphenol	8.90	107	113172	52.15	ng	#	87
18) Hexachloroethane	9.57	117	38483	43.77	ng	#	80
19) n-Nitroso-di-n-propylamine	9.27	70	101692	45.08	ng		94
20) 3+4-Methylphenols	9.22	107	159256	50.89	ng		86
22) Acetophenone	9.30	105	180102	46.27	ng	#	88
24) Nitrobenzene	9.68	77	139847	46.22	ng	#	84
25) Isophorone	10.20	82	285744	45.30	ng	#	94
26) 2-Nitrophenol	10.40	139	67937	49.71	ng	#	78
27) 2,4-Dimethylphenol	10.44	122	134398	52.50	ng		90
28) bis(2-Chloroethoxy)methane	10.67	93	160475	44.87	ng	#	97
29) 2,4-Dichlorophenol	10.93	162	123400	55.01	ng		99
30) 1,2,4-Trichlorobenzene	11.15	180	105236	46.00	ng		97
31) Naphthalene	11.35	128	386624	45.07	ng		98
32) Benzoic acid	10.51	122	4445	11.18	ng	#	67
33) 4-Chloroaniline	11.45	127	68148	18.39	ng	#	87
34) Hexachlorobutadiene	11.62	225	57674	45.24	ng		94
35) Caprolactam	12.22	113	50965m	45.17	ng		
36) 4-Chloro-3-methylphenol	12.53	107	157519	49.90	ng	#	88
37) 2-Methylnaphthalene	12.92	142	288070m	45.08	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	126553	46.66	ng		96
40) Hexachlorocyclopentadiene	13.25	237	142580	111.50	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	99439	50.77	ng		96
43) 2,4,5-Trichlorophenol	13.57	196	111557	50.26	ng	#	95
45) 1,1'-Biphenyl	13.90	154	375168	45.35	ng		98
46) 2-Chloronaphthalene	13.95	162	286881	45.91	ng		98
47) 2-Nitroaniline	14.14	65	125067	50.00	ng	#	88
48) Acenaphthylene	14.79	152	489564	42.87	ng		97
49) Dimethylphthalate	14.50	163	592124	67.25	ng		98
50) 2,6-Dinitrotoluene	14.63	165	92223	48.19	ng	#	77
51) Acenaphthene	15.13	154	312241	42.66	ng		96
52) 3-Nitroaniline	14.96	138	76665	34.05	ng	#	82
53) 2,4-Dinitrophenol	15.16	184	31729	35.54	ng		94
54) Dibenzofuran	15.46	168	460750	47.61	ng		96
55) 4-Nitrophenol	15.26	139	170219	99.04	ng	#	57
56) 2,4-Dinitrotoluene	15.41	165	132039	49.46	ng	#	89
57) Fluorene	16.11	166	405328	43.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	102857m	53.76	ng		
59) Diethylphthalate	15.85	149	448163	45.97	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	183049	44.07	ng		96
61) 4-Nitroaniline	16.12	138	112730	48.06	ng	#	63
62) Azobenzene	16.38	77	407394	47.56	ng		92
64) 4,6-Dinitro-2-methylphenol	16.18	198	64314	42.38	ng		82
65) n-Nitrosodiphenylamine	16.30	169	374126	46.39	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	121569	46.88	ng		93
67) Hexachlorobenzene	17.12	284	128236	46.70	ng		95
68) Atrazine	17.24	200	130738	51.35	ng		95
69) Pentachlorophenol	17.46	266	157106	88.87	ng		98
70) Phenanthrene	17.86	178	666749	46.59	ng		95
71) Anthracene	17.95	178	649384	44.93	ng		98
72) Carbazole	18.22	167	612465	43.03	ng		96
73) Di-n-butylphthalate	18.73	149	750410	47.98	ng	#	93
74) Fluoranthene	19.85	202	745186	47.64	ng		93
76) Benzidine	20.02	184	369073	57.29	ng		96
77) Pyrene	20.21	202	762391	45.41	ng		97
79) Butylbenzylphthalate	21.08	149	354841	46.93	ng	#	89
80) Benzo(a)anthracene	22.15	228	733991	45.38	ng		95
81) 3,3'-Dichlorobenzidine	22.05	252	178121	30.34	ng	#	95
82) Chrysene	22.23	228	679034	44.79	ng		95
83) Bis(2-ethylhexyl)phthalate	22.01	149	517987	46.88	ng	#	95
84) Di-n-octyl phthalate	23.34	149	867500	47.52	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.94	276	810797	46.79	ng	#	87
87) Benzo(b)fluoranthene	24.63	252	733051	45.66	ng	#	94
88) Benzo(k)fluoranthene	24.70	252	691626	43.58	ng	#	92
89) Benzo(a)pyrene	25.61	252	685415	45.50	ng	#	95
90) Dibenzo(a,h)anthracene	30.01	278	682860	44.74	ng	#	94
91) Benzo(g,h,i)perylene	31.25	276	654351	44.61	ng	#	87

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

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