Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032249.D
Acq On : 24 Jan 2018 6:49
Operator : SJ/JU
Sample : J1229-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEL-COMP-1MS

Manual Integrations APPROVED
Sohil
1/24/2018 2:49:19 PM

Quant Time: Jan 24 08:18:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	42901	20.00	ng		-0.02
21) Naphthalene-d8	11.61	136	177190	20.00	ng		-0.02
38) Acenaphthene-d10	15.36	164	127225	20.00	ng		-0.02
63) Phenanthrene-d10	18.10	188	307526	20.00	ng		-0.02
75) Chrysene-d12	22.43	240	389669	20.00	ng		-0.02
86) Perylene-d12	26.12	264	420360	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	309139	131.79	ng		0.00
7) Phenol-d6	7.84	99	359915	121.83	ng		0.00
23) Nitrobenzene-d5	9.92	82	271649	103.72	ng		-0.02
41) 2,4,6-Tribromophenol	16.84	330	295060	140.15	ng		-0.02
44) 2-Fluorobiphenyl	13.99	172	967902	94.33	ng		-0.02
78) Terphenyl-d14	20.63	244	1731758	98.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	24732	27.444	ng	#	76
3) Pyridine	4.28	79	56230	23.376	ng		87
4) n-Nitrosodimethylamine	4.18	42	43037	50.927	ng	#	83
6) Aniline	8.02	93	56581	15.184	ng		94
8) 2-Chlorophenol	8.28	128	122233	46.568	ng		82
9) Benzaldehyde	7.83	77	57489	33.586	ng		94
10) Phenol	7.87	94	112539	38.671	ng		92
11) bis(2-Chloroethyl)ether	8.11	93	94858	40.686	ng	#	81
12) 1,3-Dichlorobenzene	8.61	146	132236	38.493	ng		96
13) 1,4-Dichlorobenzene	8.76	146	134583	38.909	ng		95
14) 1,2-Dichlorobenzene	9.10	146	134042	40.066	ng		97
15) Benzyl Alcohol	8.96	79	107488	50.084	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.25	45	92253	38.935	ng		76
17) 2-Methylphenol	9.17	107	96367	43.330	ng		92
18) Hexachloroethane	9.85	117	44256	41.632	ng	#	81
19) n-Nitroso-di-n-propylamine	9.54	70	79195	43.206	ng	#	90
20) 3+4-Methylphenols	9.50	107	134118	43.531	ng		92
22) Acetophenone	9.57	105	181329	45.052	ng	#	92
24) Nitrobenzene	9.97	77	122837	47.020	ng	#	87
25) Isophorone	10.49	82	231159	47.400	ng	#	84
26) 2-Nitrophenol	10.69	139	75449	48.741	ng	#	80
27) 2,4-Dimethylphenol	10.73	122	123406	50.238	ng		94
28) bis(2-Chloroethoxy)methane	10.97	93	137907	46.935	ng		97
29) 2,4-Dichlorophenol	11.23	162	159677	52.828	ng		92
30) 1,2,4-Trichlorobenzene	11.46	180	170604	43.704	ng		99
31) Naphthalene	11.66	128	374299	42.643	ng		98
32) Benzoic acid	10.80	122	5320m	7.660	ng		
33) 4-Chloroaniline	11.75	127	45669	12.133	ng		93
34) Hexachlorobutadiene	11.93	225	127312	45.408	ng		96
35) Caprolactam	12.50	113	28532	31.115	ng	#	45
36) 4-Chloro-3-methylphenol	12.83	107	146298	52.879	ng	#	82
37) 2-Methylnaphthalene	13.22	142	321359	46.115	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	248562	44.820	ng	#	96
40) Hexachlorocyclopentadiene	13.55	237	267633	85.682	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	153824	49.365	ng		95
43) 2,4,5-Trichlorophenol	13.88	196	166777	46.240	ng	#	90
45) 1,1'-Biphenyl	14.20	154	464615	42.599	ng		97
46) 2-Chloronaphthalene	14.25	162	362062	42.672	ng		98
47) 2-Nitroaniline	14.44	65	84510	52.029	ng	#	72
48) Acenaphthylene	15.09	152	539242	41.735	ng		99
49) Dimethylphthalate	14.79	163	489564	43.973	ng	#	98
50) 2,6-Dinitrotoluene	14.92	165	109273	47.286	ng	#	74
51) Acenaphthene	15.43	154	346103	40.510	ng		100
52) 3-Nitroaniline	15.25	138	50673	24.279	ng	#	77
53) 2,4-Dinitrophenol	15.45	184	11326	15.884	ng	#	1
54) Dibenzofuran	15.76	168	581983	45.664	ng		98
55) 4-Nitrophenol	15.53	139	100786	66.261	ng	#	76
56) 2,4-Dinitrotoluene	15.70	165	154499	49.659	ng	#	70
57) Fluorene	16.40	166	461195	44.122	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.97	232	147917	44.332	ng	#	83
59) Diethylphthalate	16.14	149	475750	44.079	ng		95
60) 4-Chlorophenyl-phenylether	16.38	204	299427	46.698	ng		93
61) 4-Nitroaniline	16.41	138	88453	44.180	ng		87
62) Azobenzene	16.67	77	305260	45.187	ng		86
64) 4,6-Dinitro-2-methylphenol	16.46	198	17304	12.781	ng	#	66
65) n-Nitrosodiphenylamine	16.59	169	422907	45.320	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	211850	48.417	ng		96
67) Hexachlorobenzene	17.40	284	218392	45.114	ng	#	92
68) Atrazine	17.51	200	191976	48.919	ng		96
69) Pentachlorophenol	17.73	266	76645	24.770	ng		97
70) Phenanthrene	18.14	178	784704	45.830	ng		100
71) Anthracene	18.23	178	798757	46.774	ng		99
72) Carbazole	18.49	167	680366	45.927	ng		100
73) Di-n-butylphthalate	19.00	149	764031	43.646	ng		99
74) Fluoranthene	20.10	202	1039768	48.502	ng		94
76) Benzidine	20.26	184	44941	4.612	ng		98
77) Pyrene	20.46	202	1049066	42.826	ng		99
79) Butylbenzylphthalate	21.32	149	365089	41.598	ng	#	78
80) Benzo(a)anthracene	22.41	228	1134865	46.830	ng		99
81) 3,3'-Dichlorobenzidine	22.30	252	195551	21.601	ng	#	97
82) Chrysene	22.49	228	1059507	45.525	ng		98
83) Bis(2-ethylhexyl)phthalate	22.24	149	518162	40.261	ng	#	98
84) Di-n-octyl phthalate	23.62	149	901240	44.090	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.40	276	1320276	46.355	ng	#	84
87) Benzo(b)fluoranthene	24.94	252	1185894	46.673	ng	#	96
88) Benzo(k)fluoranthene	25.01	252	1216688	49.004	ng	#	96
89) Benzo(a)pyrene	25.95	252	1183537	49.241	ng	#	96
90) Dibenzo(a,h)anthracene	30.48	278	1093740	47.222	ng	#	95
91) Benzo(g,h,i)perylene	31.73	276	1040476	43.952	ng	#	92

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

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