Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032250.D
Acq On : 24 Jan 2018 7:26
Operator : SJ/JU
Sample : J1229-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEL-COMP-1MSD

Manual Integrations APPROVED
Sohil
1/24/2018 2:49:22 PM

Quant Time: Jan 24 10:05:36 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 10:00:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	45262	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	187218	20.00	ng		0.00
38) Acenaphthene-d10	15.37	164	133421	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	321607	20.00	ng		0.00
75) Chrysene-d12	22.43	240	408369	20.00	ng		0.00
86) Perylene-d12	26.12	264	441558	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	323862	130.87	ng		0.00
7) Phenol-d6	7.84	99	391135	125.49	ng		0.00
23) Nitrobenzene-d5	9.93	82	272774	98.57	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	286884	129.94	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	968756	90.03	ng		0.00
78) Terphenyl-d14	20.63	244	1743746	94.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	27369	28.786	ng	#	77
3) Pyridine	4.29	79	76061	29.971	ng	#	80
4) n-Nitrosodimethylamine	4.18	42	47833	53.650	ng	#	76
6) Aniline	8.02	93	81186	20.651	ng	#	92
8) 2-Chlorophenol	8.28	128	136687	49.359	ng	#	81
9) Benzaldehyde	7.83	77	55120	30.522	ng		82
10) Phenol	7.87	94	134979	43.963	ng		93
11) bis(2-Chloroethyl)ether	8.12	93	99309	40.373	ng		83
12) 1,3-Dichlorobenzene	8.61	146	147000	40.559	ng		96
13) 1,4-Dichlorobenzene	8.76	146	149479	40.961	ng		95
14) 1,2-Dichlorobenzene	9.09	146	144737	41.007	ng		97
15) Benzyl Alcohol	8.96	79	121500	53.660	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.26	45	102521	41.011	ng		75
17) 2-Methylphenol	9.17	107	109544	46.686	ng		98
18) Hexachloroethane	9.85	117	49446	44.088	ng	#	82
19) n-Nitroso-di-n-propylamine	9.54	70	90317	46.703	ng	#	89
20) 3+4-Methylphenols	9.50	107	150643	46.344	ng		97
22) Acetophenone	9.57	105	196801	46.277	ng	#	92
24) Nitrobenzene	9.97	77	135571	49.115	ng		90
25) Isophorone	10.49	82	256596	49.798	ng	#	83
26) 2-Nitrophenol	10.70	139	86158	52.678	ng	#	81
27) 2,4-Dimethylphenol	10.73	122	138017	53.176	ng		94
28) bis(2-Chloroethoxy)methane	10.97	93	153383	49.406	ng	#	92
29) 2,4-Dichlorophenol	11.24	162	178334	55.840	ng		85
30) 1,2,4-Trichlorobenzene	11.46	180	191343	46.392	ng		95
31) Naphthalene	11.66	128	419539	45.237	ng		99
32) Benzoic acid	10.80	122	4830m	7.322	ng		
33) 4-Chloroaniline	11.75	127	57342	14.418	ng	#	92
34) Hexachlorobutadiene	11.93	225	137488	46.411	ng		95
35) Caprolactam	12.50	113	39010	40.263	ng	#	54
36) 4-Chloro-3-methylphenol	12.83	107	164315	56.210	ng		86
37) 2-Methylnaphthalene	13.22	142	351513	47.740	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	272620	46.876	ng	#	97
40) Hexachlorocyclopentadiene	13.55	237	293111	89.481	ng		91

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	171135	52.370 ng		98
43) 2,4,5-Trichlorophenol	13.88	196	184042	48.657 ng	#	92
45) 1,1'-Biphenyl	14.20	154	513590	44.903 ng		94
46) 2-Chloronaphthalene	14.26	162	400529	45.014 ng		97
47) 2-Nitroaniline	14.44	65	93520	54.902 ng	#	73
48) Acenaphthylene	15.09	152	593873	43.829 ng		98
49) Dimethylphthalate	14.80	163	547083	46.858 ng		99
50) 2,6-Dinitrotoluene	14.93	165	123352	50.900 ng	#	71
51) Acenaphthene	15.43	154	384744	42.942 ng		97
52) 3-Nitroaniline	15.26	138	57749	26.384 ng	#	73
53) 2,4-Dinitrophenol	15.45	184	8560	13.392 ng	#	1
54) Dibenzofuran	15.75	168	636122	47.594 ng		97
55) 4-Nitrophenol	15.54	139	112175	70.324 ng	#	76
56) 2,4-Dinitrotoluene	15.70	165	170674	52.311 ng	#	68
57) Fluorene	16.40	166	513004	46.799 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	164420	46.990 ng	#	86
59) Diethylphthalate	16.14	149	532234	47.022 ng		97
60) 4-Chlorophenyl-phenylether	16.38	204	334393	49.729 ng		94
61) 4-Nitroaniline	16.41	138	103212	49.157 ng		87
62) Azobenzene	16.67	77	338161	47.733 ng		86
64) 4,6-Dinitro-2-methylphenol	16.46	198	13711	10.867 ng	#	60
65) n-Nitrosodiphenylamine	16.59	169	477612	48.941 ng		99
66) 4-Bromophenyl-phenylether	17.27	248	235531	51.472 ng		95
67) Hexachlorobenzene	17.40	284	242651	47.931 ng	#	92
68) Atrazine	17.52	200	212417	51.758 ng		96
69) Pentachlorophenol	17.73	266	80256	24.802 ng		98
70) Phenanthrene	18.14	178	861992	48.140 ng		99
71) Anthracene	18.23	178	874596	48.972 ng		99
72) Carbazole	18.49	167	754163	48.679 ng		99
73) Di-n-butylphthalate	19.00	149	838684	45.813 ng		99
74) Fluoranthene	20.10	202	1134934	50.624 ng		95
76) Benzidine	20.26	184	115968	11.356 ng		95
77) Pyrene	20.46	202	1141820	44.478 ng		97
79) Butylbenzylphthalate	21.32	149	404601	43.989 ng	#	76
80) Benzo(a)anthracene	22.41	228	1244229	48.992 ng		99
81) 3,3'-Dichlorobenzidine	22.30	252	232289	24.485 ng	#	98
82) Chrysene	22.49	228	1170786	48.002 ng		97
83) Bis(2-ethylhexyl)phthalate	22.25	149	573026	42.485 ng	#	96
84) Di-n-octyl phthalate	23.63	149	990756	46.250 ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.41	276	1474165	49.388 ng	#	86
87) Benzo(b)fluoranthene	24.94	252	1296084	48.561 ng	#	95
88) Benzo(k)fluoranthene	25.01	252	1318044	50.538 ng	#	97
89) Benzo(a)pyrene	25.95	252	1316972	52.162 ng	#	96
90) Dibenzo(a,h)anthracene	30.48	278	1172719	48.201 ng	#	94
91) Benzo(g,h,i)perylene	31.75	276	1030948	41.458 ng	#	90

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

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