Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032949.D
Acq On : 2 Mar 2018 17:17
Operator : SJ/JU
Sample : J1751-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-030118-AMS

Manual Integrations APPROVED
Sohil
3/5/2018 3:17:59 PM

Quant Time: Mar 02 23:49:29 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	65670	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	285739	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	160364	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	364190	20.00	ng		0.00
75) Chrysene-d12	22.62	240	320088	20.00	ng		0.00
86) Perylene-d12	26.43	264	348645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	569496	138.74	ng		0.00
7) Phenol-d6	8.02	99	725437	126.79	ng		0.00
23) Nitrobenzene-d5	10.12	82	488921	114.81	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	269095	159.59	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1028023	92.46	ng		0.00
78) Terphenyl-d14	20.78	244	1447550	101.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	71546	40.162	ng	#	90
3) Pyridine	4.44	79	155709	31.712	ng		96
4) n-Nitrosodimethylamine	4.33	42	110300	56.031	ng	#	89
6) Aniline	8.21	93	103423	13.354	ng		99
8) 2-Chlorophenol	8.46	128	222879	49.607	ng		96
9) Benzaldehyde	8.02	77	78362	23.764	ng		91
10) Phenol	8.05	94	254178	44.070	ng		94
11) bis(2-Chloroethyl)ether	8.30	93	213627	45.297	ng		96
12) 1,3-Dichlorobenzene	8.80	146	227148	43.165	ng		98
13) 1,4-Dichlorobenzene	8.96	146	229842	43.391	ng		98
14) 1,2-Dichlorobenzene	9.29	146	219600	43.263	ng		98
15) Benzyl Alcohol	9.15	79	199379	47.402	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.44	45	384674	47.447	ng		98
17) 2-Methylphenol	9.34	107	189879	44.646	ng		97
18) Hexachloroethane	10.05	117	85160	47.219	ng	#	85
19) n-Nitroso-di-n-propylamine	9.73	70	174926	43.307	ng	#	92
20) 3+4-Methylphenols	9.68	107	262424	44.377	ng		94
22) Acetophenone	9.76	105	324964	45.032	ng	#	97
24) Nitrobenzene	10.16	77	244181	52.843	ng		91
25) Isophorone	10.68	82	482292	48.088	ng		94
26) 2-Nitrophenol	10.89	139	117726	64.956	ng		94
27) 2,4-Dimethylphenol	10.92	122	239512	54.974	ng		90
28) bis(2-Chloroethoxy)methane	11.17	93	290781	49.769	ng		96
29) 2,4-Dichlorophenol	11.43	162	209038	52.864	ng		96
30) 1,2,4-Trichlorobenzene	11.66	180	206140	44.473	ng		96
31) Naphthalene	11.86	128	827543	55.425	ng		99
32) Benzoic acid	11.04	122	143131	51.185	ng	#	86
33) 4-Chloroaniline	11.94	127	66794	10.005	ng		96
34) Hexachlorobutadiene	12.12	225	111565	42.910	ng		96
35) Caprolactam	12.69	113	69919	44.160	ng		94
36) 4-Chloro-3-methylphenol	13.00	107	247615	53.811	ng		90
37) 2-Methylnaphthalene	13.40	142	528063	48.885	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	210621	44.244	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	258013	106.349	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	161368	53.751	ng		98
43) 2,4,5-Trichlorophenol	14.05	196	178304	51.316	ng		97
45) 1,1'-Biphenyl	14.38	154	633472	45.205	ng		95
46) 2-Chloronaphthalene	14.43	162	479480	45.805	ng		98
47) 2-Nitroaniline	14.61	65	176292	62.931	ng		94
48) Acenaphthylene	15.27	152	796660	46.484	ng		98
49) Dimethylphthalate	14.96	163	634926	46.630	ng		99
50) 2,6-Dinitrotoluene	15.09	165	144202	61.021	ng		90
51) Acenaphthene	15.60	154	531905	49.835	ng		97
52) 3-Nitroaniline	15.42	138	59919	25.657	ng	#	88
53) 2,4-Dinitrophenol	15.62	184	102624	120.770	ng		85
54) Dibenzofuran	15.93	168	733617	48.271	ng		94
55) 4-Nitrophenol	15.69	139	218574	96.430	ng		84
56) 2,4-Dinitrotoluene	15.86	165	201217	68.249	ng	#	87
57) Fluorene	16.57	166	594582	47.401	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	153216m	56.796	ng		
59) Diethylphthalate	16.30	149	679280	47.298	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	295333	48.129	ng		92
61) 4-Nitroaniline	16.57	138	134174	45.791	ng		85
62) Azobenzene	16.84	77	624531	48.609	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	84816	68.358	ng		92
65) n-Nitrosodiphenylamine	16.75	169	557699	47.073	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	177419	46.072	ng	#	88
67) Hexachlorobenzene	17.56	284	179999	43.253	ng	#	87
68) Atrazine	17.67	200	182872	46.893	ng		95
69) Pentachlorophenol	17.90	266	241971	92.311	ng		97
70) Phenanthrene	18.30	178	956124	47.058	ng		98
71) Anthracene	18.40	178	971629	47.633	ng		98
72) Carbazole	18.65	167	906214	45.072	ng		97
73) Di-n-butylphthalate	19.15	149	1147878	46.537	ng		98
74) Fluoranthene	20.25	202	1053629	46.945	ng		93
76) Benzidine	20.41	184	98548	9.032	ng		97
77) Pyrene	20.61	202	1054535	46.717	ng		96
79) Butylbenzylphthalate	21.47	149	536284	53.586	ng		93
80) Benzo(a)anthracene	22.60	228	1001141	48.775	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	176380	23.202	ng	#	98
82) Chrysene	22.68	228	935252	47.699	ng		97
83) Bis(2-ethylhexyl)phthalate	22.43	149	757780	51.152	ng	#	97
84) Di-n-octyl phthalate	23.85	149	1303441	57.724	ng		100
85) Indeno(1,2,3-cd)pyrene	30.87	276	1053032	46.051	ng	#	91
87) Benzo(b)fluoranthene	25.21	252	996660	48.348	ng	#	96
88) Benzo(k)fluoranthene	25.29	252	984989	48.078	ng	#	95
89) Benzo(a)pyrene	26.25	252	971487	49.548	ng	#	95
90) Dibenzo(a,h)anthracene	30.94	278	878286	44.502	ng	#	91
91) Benzo(g,h,i)perylene	32.27	276	888453	45.667	ng	#	91

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

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