Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032894.D
Acq On : 28 Feb 2018 19:12
Operator : SJ/JU
Sample : J1403-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Manual Integrations APPROVED
Sohil
3/1/2018 11:30:31 AM

Quant Time: Mar 01 02:33:08 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	83586	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	368940	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	208296	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	442913	20.00	ng		0.00
75) Chrysene-d12	22.62	240	391793	20.00	ng		0.00
86) Perylene-d12	26.43	264	425103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	746726	142.93	ng		0.00
7) Phenol-d6	8.02	99	925585	127.10	ng		0.00
23) Nitrobenzene-d5	10.12	82	623890	113.58	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	349213	159.45	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1295098	89.67	ng		0.00
78) Terphenyl-d14	20.78	244	1771214	101.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	91830	40.499	ng		87
3) Pyridine	4.45	79	230832	36.935	ng		97
4) n-Nitrosodimethylamine	4.34	42	133712	53.365	ng	#	91
6) Aniline	8.21	93	201956	20.488	ng		95
8) 2-Chlorophenol	8.47	128	288184	50.394	ng		93
9) Benzaldehyde	8.02	77	121973	29.061	ng		90
10) Phenol	8.05	94	321484	43.793	ng		92
11) bis(2-Chloroethyl)ether	8.30	93	272890	45.461	ng		96
12) 1,3-Dichlorobenzene	8.81	146	285889	42.683	ng		96
13) 1,4-Dichlorobenzene	8.96	146	290647	43.109	ng		98
14) 1,2-Dichlorobenzene	9.29	146	276300	42.766	ng		99
15) Benzyl Alcohol	9.15	79	253431	47.338	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	457494	44.334	ng		96
17) 2-Methylphenol	9.35	107	246228	45.486	ng		96
18) Hexachloroethane	10.05	117	107356	46.767	ng	#	85
19) n-Nitroso-di-n-propylamine	9.73	70	223481	43.469	ng	#	96
20) 3+4-Methylphenols	9.69	107	336064	44.649	ng		94
22) Acetophenone	9.76	105	412909	44.315	ng	#	96
24) Nitrobenzene	10.16	77	311400	52.271	ng		91
25) Isophorone	10.69	82	610941	47.179	ng	#	93
26) 2-Nitrophenol	10.89	139	152841	65.208	ng		92
27) 2,4-Dimethylphenol	10.92	122	305155	54.245	ng		90
28) bis(2-Chloroethoxy)methane	11.17	93	376477	49.905	ng		96
29) 2,4-Dichlorophenol	11.43	162	270828	53.045	ng		95
30) 1,2,4-Trichlorobenzene	11.66	180	264234	44.150	ng		97
31) Naphthalene	11.86	128	940234	48.771	ng		99
32) Benzoic acid	11.04	122	170284	48.400	ng	#	82
33) 4-Chloroaniline	11.94	127	105986	12.295	ng		95
34) Hexachlorobutadiene	12.13	225	141202	42.062	ng		98
35) Caprolactam	12.70	113	83908	41.044	ng	#	87
36) 4-Chloro-3-methylphenol	13.01	107	313571	52.777	ng		90
37) 2-Methylnaphthalene	13.41	142	644712	46.224	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	269314	43.555	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	297056	94.266	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	206927	53.066 ng		99
43) 2,4,5-Trichlorophenol	14.05	196	225136	49.885 ng	#	96
45) 1,1'-Biphenyl	14.38	154	799332	43.915 ng		95
46) 2-Chloronaphthalene	14.43	162	601514	44.240 ng		97
47) 2-Nitroaniline	14.62	65	213079	59.243 ng		91
48) Acenaphthylene	15.27	152	976882	43.884 ng		97
49) Dimethylphthalate	14.96	163	784371	44.349 ng		99
50) 2,6-Dinitrotoluene	15.09	165	176745	58.082 ng		89
51) Acenaphthene	15.60	154	682562	49.234 ng		97
52) 3-Nitroaniline	15.42	138	88165	28.062 ng	#	83
53) 2,4-Dinitrophenol	15.62	184	151263	131.521 ng		95
54) Dibenzofuran	15.93	168	916498	46.428 ng		93
55) 4-Nitrophenol	15.69	139	279152	94.934 ng	#	80
56) 2,4-Dinitrotoluene	15.87	165	245817	65.214 ng		84
57) Fluorene	16.57	166	738122	45.303 ng		98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	191327m	54.603 ng		
59) Diethylphthalate	16.30	149	830333	44.511 ng		100
60) 4-Chlorophenyl-phenylether	16.54	204	372688	46.759 ng		92
61) 4-Nitroaniline	16.57	138	178039	46.665 ng		83
62) Azobenzene	16.84	77	764986	45.839 ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	106792	69.987 ng		97
65) n-Nitrosodiphenylamine	16.75	169	683498	47.437 ng		97
66) 4-Bromophenyl-phenylether	17.44	248	222802	47.573 ng	#	88
67) Hexachlorobenzene	17.56	284	225539	44.563 ng	#	91
68) Atrazine	17.68	200	233066	49.141 ng		97
69) Pentachlorophenol	17.90	266	299092	93.822 ng		99
70) Phenanthrene	18.31	178	1149749	46.529 ng		96
71) Anthracene	18.40	178	1162738	46.870 ng		97
72) Carbazole	18.65	167	1089710	44.565 ng	#	96
73) Di-n-butylphthalate	19.15	149	1364069	45.472 ng		98
74) Fluoranthene	20.26	202	1252068	45.871 ng		93
76) Benzidine	20.41	184	271263	20.312 ng		97
77) Pyrene	20.61	202	1252984	45.350 ng		95
79) Butylbenzylphthalate	21.48	149	641184	52.342 ng		93
80) Benzo(a)anthracene	22.60	228	1203423	47.900 ng		97
81) 3,3'-Dichlorobenzidine	22.48	252	192074	20.642 ng	#	99
82) Chrysene	22.68	228	1119935	46.665 ng		97
83) Bis(2-ethylhexyl)phthalate	22.43	149	909564	50.161 ng		97
84) Di-n-octyl phthalate	23.86	149	1555726	56.288 ng		99
85) Indeno(1,2,3-cd)pyrene	30.86	276	1359746	48.581 ng		98
87) Benzo(b)fluoranthene	25.21	252	1221983	48.617 ng	#	97
88) Benzo(k)fluoranthene	25.29	252	1169711	46.826 ng	#	95
89) Benzo(a)pyrene	26.25	252	1179488	49.337 ng	#	95
90) Dibenzo(a,h)anthracene	30.95	278	1128493	46.896 ng	#	93
91) Benzo(g,h,i)perylene	32.26	276	1126015	47.468 ng	#	91

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

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