Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037734.D
Acq On : 2 Nov 2018 1:02
Operator : JU/SJ
Sample : PB114375BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114375BS

Manual Integrations APPROVED
Sohil
11/2/2018 11:29:44 AM

Quant Time: Nov 02 07:56:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52384	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	243078	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	156963	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	364434	20.00	ng		0.00
76) Chrysene-d12	21.77	240	316684	20.00	ng		0.00
87) Perylene-d12	25.10	264	322638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	506971	161.80	ng		0.00
7) Phenol-d6	7.25	99	727250	153.50	ng		0.00
23) Nitrobenzene-d5	9.27	82	346804	79.92	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	282590	165.07	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	849699	81.63	ng		0.00
79) Terphenyl-d14	20.08	244	1178820	79.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	54042	34.011	ng		99
3) Pyridine	3.93	79	130520	32.590	ng		95
4) n-Nitrosodimethylamine	3.85	42	60649	42.516	ng		99
6) Aniline	7.42	93	185540	32.101	ng		99
8) 2-Chlorophenol	7.66	128	161012	43.927	ng		98
9) Benzaldehyde	7.24	77	120119	40.529	ng		98
10) Phenol	7.27	94	213664	42.741	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	146335	38.542	ng		97
12) 1,3-Dichlorobenzene	7.98	146	162266	39.764	ng		99
13) 1,4-Dichlorobenzene	8.13	146	166438	39.874	ng		97
14) 1,2-Dichlorobenzene	8.46	146	159731	39.781	ng		98
15) Benzyl Alcohol	8.34	79	146251	41.776	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	273631	40.278	ng		99
17) 2-Methylphenol	8.53	107	147184	44.535	ng		99
18) Hexachloroethane	9.19	117	60374	42.426	ng		91
19) n-Nitroso-di-n-propylamine	8.90	70	124543	38.173	ng		96
20) 3+4-Methylphenols	8.86	107	203382	43.042	ng		97
22) Acetophenone	8.93	105	237143	38.900	ng	#	99
24) Nitrobenzene	9.32	77	181102	40.175	ng		96
25) Isophorone	9.83	82	356513	44.966	ng		98
26) 2-Nitrophenol	10.03	139	94226	46.400	ng		95
27) 2,4-Dimethylphenol	10.07	122	173906	47.963	ng		99
28) bis(2-Chloroethoxy)methane	10.31	93	216880	41.751	ng		99
29) 2,4-Dichlorophenol	10.56	162	174743	43.285	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	180843	41.193	ng		96
31) Naphthalene	10.97	128	519188	43.485	ng		99
32) Benzoic acid	10.19	122	100205	42.550	ng		97
33) 4-Chloroaniline	11.08	127	133411	23.782	ng		96
34) Hexachlorobutadiene	11.23	225	106251	40.835	ng		99
35) Caprolactam	11.87	113	63692m	39.338	ng		
36) 4-Chloro-3-methylphenol	12.18	107	191228	42.002	ng		97
37) 2-Methylnaphthalene	12.57	142	400955	46.069	ng		98
38) 1-Methylnaphthalene	12.79	142	380136	44.975	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	211472	41.769	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	268330	110.953	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	149722	44.264	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	165676	44.988	ng		99
46) 1,1'-Biphenyl	13.57	154	510861	39.299	ng		98
47) 2-Chloronaphthalene	13.62	162	409775	41.667	ng		99
48) 2-Nitroaniline	13.83	65	130981	43.919	ng		93
49) Acenaphthylene	14.46	152	663342	44.839	ng		99
50) Dimethylphthalate	14.18	163	506532	41.714	ng		99
51) 2,6-Dinitrotoluene	14.31	165	115563	43.020	ng		97
52) Acenaphthene	14.80	154	396074	43.472	ng		100
53) 3-Nitroaniline	14.64	138	99152	33.249	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	73514	68.309	ng		94
55) Dibenzofuran	15.13	168	627028	41.538	ng		100
56) 4-Nitrophenol	14.94	139	252259	114.281	ng		98
57) 2,4-Dinitrotoluene	15.10	165	162408	46.058	ng		98
58) Fluorene	15.78	166	505215	44.693	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	142878	45.313	ng		100
60) Diethylphthalate	15.54	149	526134	42.203	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	266646	40.470	ng		96
62) 4-Nitroaniline	15.81	138	123589	41.707	ng		92
63) Azobenzene	16.06	77	499724	42.013	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	73782	40.250	ng		98
66) n-Nitrosodiphenylamine	15.98	169	458385	41.815	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	165483	41.349	ng		99
68) Hexachlorobenzene	16.78	284	167492	40.381	ng		97
69) Atrazine	16.92	200	173283	43.721	ng		100
70) Pentachlorophenol	17.12	266	194684	70.072	ng		96
71) Phenanthrene	17.52	178	812492	43.867	ng		99
72) Anthracene	17.62	178	827824	45.544	ng		98
73) Carbazole	17.89	167	746981	41.084	ng		100
74) Di-n-butylphthalate	18.42	149	880613	43.539	ng		100
75) Fluoranthene	19.53	202	924157	43.993	ng		99
77) Benzidine	19.72	184	468127	43.474	ng		99
78) Pyrene	19.89	202	907053	43.815	ng		100
80) Butylbenzylphthalate	20.76	149	392206	46.291	ng		99
81) Benzo(a)anthracene	21.75	228	837036	44.686	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	233312	32.135	ng		98
83) Chrysene	21.82	228	782479	43.443	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	546670	46.031	ng		100
85) Di-n-octyl phthalate	22.86	149	920781	47.546	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	746409	38.637	ng	#	93
88) Benzo(b)fluoranthene	24.03	252	779493	44.068	ng		100
89) Benzo(k)fluoranthene	24.10	252	787922	45.467	ng		97
90) Benzo(a)pyrene	24.94	252	765256	45.530	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	601969	38.827	ng		98
92) Benzo(g,h,i)perylene	30.14	276	623656	39.760	ng		99

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

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