Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037370.D
Acq On : 16 Oct 2018 22:03
Operator : JU/SJ
Sample : J5198-12MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-AMSD

Manual Integrations APPROVED
Sohil
10/17/2018 2:59:40 PM

Quant Time: Oct 17 02:34:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	63347	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	283788	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	193959	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	464886	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	419327	20.00	ng	-0.02
87) Perylene-d12	25.12	264	441977	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	413830	114.97	ng	0.00
7) Phenol-d6	7.26	99	552627	101.15	ng	0.00
23) Nitrobenzene-d5	9.29	82	378300	87.64	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	246167	129.41	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	914568	70.81	ng	-0.01
79) Terphenyl-d14	20.09	244	1401302	70.17	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	56418	27.908	ng	# 89
3) Pyridine	3.95	79	152061	31.681	ng	95
4) n-Nitrosodimethylamine	3.86	42	76742	41.172	ng	# 88
6) Aniline	7.44	93	113155	15.822	ng	97
8) 2-Chlorophenol	7.67	128	199521	47.362	ng	100
9) Benzaldehyde	7.25	77	89745	23.859	ng	96
10) Phenol	7.28	94	232491	40.405	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	192336	40.915	ng	95
12) 1,3-Dichlorobenzene	8.00	146	198554	40.093	ng	97
13) 1,4-Dichlorobenzene	8.15	146	201636	40.215	ng	99
14) 1,2-Dichlorobenzene	8.47	146	194518	40.036	ng	98
15) Benzyl Alcohol	8.35	79	193320	45.237	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	340808	36.673	ng	98
17) 2-Methylphenol	8.54	107	181990	47.225	ng	98
18) Hexachloroethane	9.20	117	72330	42.266	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	165182	39.934	ng	94
20) 3+4-Methylphenols	8.87	107	247230	45.882	ng	97
22) Acetophenone	8.94	105	310781	43.443	ng	# 96
24) Nitrobenzene	9.33	77	230314	49.816	ng	97
25) Isophorone	9.85	82	480312	48.743	ng	98
26) 2-Nitrophenol	10.04	139	105911	58.009	ng	98
27) 2,4-Dimethylphenol	10.08	122	221865	53.867	ng	99
28) bis(2-Chloroethoxy)methane	10.33	93	280331	45.471	ng	98
29) 2,4-Dichlorophenol	10.57	162	221267	52.923	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	211283	41.528	ng	99
31) Naphthalene	10.99	128	637944	46.255	ng	99
32) Benzoic acid	10.21	122	118278	52.007	ng	98
33) 4-Chloroaniline	11.10	127	18372	2.840	ng	93
34) Hexachlorobutadiene	11.25	225	124095	39.278	ng	97
35) Caprolactam	11.88	113	67308m	39.489	ng	
36) 4-Chloro-3-methylphenol	12.20	107	248202	50.266	ng	99
37) 2-Methylnaphthalene	12.58	142	483843	48.071	ng	99
38) 1-Methylnaphthalene	12.80	142	467602	47.567	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	252174	40.147	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	275783	106.503 ng	98
43) 2,4,6-Trichlorophenol	13.18	196	190511	52.283 ng	98
44) 2,4,5-Trichlorophenol	13.25	196	206668	52.714 ng	95
46) 1,1'-Biphenyl	13.58	154	647032	40.553 ng	98
47) 2-Chloronaphthalene	13.63	162	506061	41.990 ng	99
48) 2-Nitroaniline	13.83	65	165655	50.403 ng	95
49) Acenaphthylene	14.47	152	847762	45.983 ng	98
50) Dimethylphthalate	14.20	163	678112	44.488 ng	99
51) 2,6-Dinitrotoluene	14.33	165	151108	50.732 ng	93
52) Acenaphthene	14.81	154	493963	43.376 ng	99
53) 3-Nitroaniline	14.65	138	42994	13.481 ng	97
54) 2,4-Dinitrophenol	14.85	184	93036	121.979 ng	96
55) Dibenzofuran	15.14	168	782631	42.354 ng	97
56) 4-Nitrophenol	14.95	139	234406	94.292 ng	96
57) 2,4-Dinitrotoluene	15.11	165	209303	54.981 ng	97
58) Fluorene	15.79	166	642664	45.986 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	183829	52.961 ng	99
60) Diethylphthalate	15.55	149	692983	43.869 ng	97
61) 4-Chlorophenyl-phenylether	15.78	204	336253	41.163 ng	99
62) 4-Nitroaniline	15.82	138	159630	47.688 ng	92
63) Azobenzene	16.07	77	645363	42.611 ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	89470	59.816 ng	97
66) n-Nitrosodiphenylamine	15.99	169	597230	43.746 ng	99
67) 4-Bromophenyl-phenylether	16.68	248	219654	43.780 ng	99
68) Hexachlorobenzene	16.79	284	217852	41.878 ng	96
69) Atrazine	16.94	200	234387	46.192 ng	98
70) Pentachlorophenol	17.13	266	254581	75.853 ng	97
71) Phenanthrene	17.53	178	1063232	44.929 ng	98
72) Anthracene	17.63	178	1085520	46.865 ng	96
73) Carbazole	17.90	167	1003728	42.058 ng	98
74) Di-n-butylphthalate	18.44	149	1183899	46.284 ng	100
75) Fluoranthene	19.54	202	1245216	45.021 ng	98
77) Benzidine	19.72	184	65585	4.088 ng	97
78) Pyrene	19.90	202	1236822	45.256 ng	98
80) Butylbenzylphthalate	20.78	149	536355	50.443 ng	97
81) Benzo(a)anthracene	21.76	228	1169619	46.573 ng	97
82) 3,3'-Dichlorobenzidine	21.67	252	141836	14.641 ng	97
83) Chrysene	21.83	228	1084197	45.257 ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	753381	49.342 ng	98
85) Di-n-octyl phthalate	22.89	149	1253716	50.590 ng	98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1283364	48.331 ng	98
88) Benzo(b)fluoranthene	24.05	252	1162873	48.394 ng	99
89) Benzo(k)fluoranthene	24.12	252	1115650	47.052 ng	98
90) Benzo(a)pyrene	24.96	252	1125068	48.827 ng	99
91) Dibenzo(a,h)anthracene	29.03	278	1041744	47.251 ng	96
92) Benzo(g,h,i)perylene	30.17	276	1060834	48.178 ng	99

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

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