Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
Data File : BG035310.D
Acq On : 21 Jun 2018 21:52
Operator : JU/SJ
Sample : PB110221BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110221BSD

Manual Integrations APPROVED
Sohil
6/22/2018 2:13:51 PM

Quant Time: Jun 22 05:29:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54597	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	202756	20.00	ng		-0.03
38) Acenaphthene-d10	14.68	164	147596	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	402277	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	419342	20.00	ng		-0.03
86) Perylene-d12	24.91	264	410366	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	466527	144.20	ng		-0.01
7) Phenol-d6	7.22	99	678146	142.02	ng		0.00
23) Nitrobenzene-d5	9.22	82	432572	101.41	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	323713	171.33	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	1000442	88.12	ng		-0.03
78) Terphenyl-d14	20.03	244	1769066	88.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	52793	34.202	ng	#	72
3) Pyridine	3.94	79	154083	36.997	ng	#	72
4) n-Nitrosodimethylamine	3.86	42	64021	35.781	ng	#	66
6) Aniline	7.38	93	142823	23.140	ng		99
8) 2-Chlorophenol	7.62	128	149864	44.193	ng		93
9) Benzaldehyde	7.19	77	81959	22.284	ng		97
10) Phenol	7.25	94	226086	45.753	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	145273	37.877	ng		91
12) 1,3-Dichlorobenzene	7.95	146	167960	41.511	ng		96
13) 1,4-Dichlorobenzene	8.09	146	166118	39.771	ng		98
14) 1,2-Dichlorobenzene	8.41	146	159005	40.528	ng		95
15) Benzyl Alcohol	8.29	79	179856	39.752	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	158380	41.489	ng		73
17) 2-Methylphenol	8.49	107	150311	46.137	ng	#	90
18) Hexachloroethane	9.14	117	60960	40.767	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	136721	33.703	ng	#	84
20) 3+4-Methylphenols	8.82	107	209725	44.911	ng		94
22) Acetophenone	8.88	105	250720	39.919	ng	#	89
24) Nitrobenzene	9.26	77	203005	46.477	ng		95
25) Isophorone	9.78	82	390786	43.393	ng		99
26) 2-Nitrophenol	9.97	139	85128	56.542	ng	#	91
27) 2,4-Dimethylphenol	10.02	122	157502	49.770	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	207081	42.790	ng		96
29) 2,4-Dichlorophenol	10.51	162	181982	52.849	ng		93
30) 1,2,4-Trichlorobenzene	10.72	180	190522	46.143	ng		99
31) Naphthalene	10.91	128	453250	43.032	ng		98
32) Benzoic acid	10.17	122	111690	52.692	ng		96
33) 4-Chloroaniline	11.02	127	52296	11.435	ng		99
34) Hexachlorobutadiene	11.19	225	143639	44.731	ng		96
35) Caprolactam	11.80	113	61654m	48.448	ng		
36) 4-Chloro-3-methylphenol	12.13	107	213814	49.812	ng		94
37) 2-Methylnaphthalene	12.51	142	359655	45.038	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	252794	45.982	ng		98
40) Hexachlorocyclopentadiene	12.86	237	351935	102.083	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	168101	51.065	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	183946	50.911	ng		99
45) 1,1'-Biphenyl	13.51	154	490310	41.313	ng		97
46) 2-Chloronaphthalene	13.56	162	390470	43.516	ng		99
47) 2-Nitroaniline	13.76	65	133690	50.455	ng		89
48) Acenaphthylene	14.40	152	654248	43.483	ng		97
49) Dimethylphthalate	14.13	163	548272	42.598	ng	#	99
50) 2,6-Dinitrotoluene	14.25	165	123606	52.642	ng		90
51) Acenaphthene	14.74	154	383208	38.981	ng		98
52) 3-Nitroaniline	14.58	138	52782	22.908	ng	#	88
53) 2,4-Dinitrophenol	14.78	184	152643	160.630	ng	#	65
54) Dibenzofuran	15.08	168	637207	43.279	ng		95
55) 4-Nitrophenol	14.89	139	187640	96.495	ng	#	86
56) 2,4-Dinitrotoluene	15.04	165	182508	58.512	ng	#	87
57) Fluorene	15.72	166	531302	43.179	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	192814	54.933	ng	#	91
59) Diethylphthalate	15.49	149	536555	40.860	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	308726	44.000	ng		95
61) 4-Nitroaniline	15.75	138	122884	49.731	ng		87
62) Azobenzene	16.01	77	532323	41.368	ng		93
64) 4,6-Dinitro-2-methylphenol	15.80	198	106272	57.861	ng		84
65) n-Nitrosodiphenylamine	15.93	169	482087	39.905	ng		96
66) 4-Bromophenyl-phenylether	16.61	248	217114	44.818	ng		96
67) Hexachlorobenzene	16.73	284	222913	45.209	ng		93
68) Atrazine	16.87	200	214288	41.595	ng		95
69) Pentachlorophenol	17.07	266	270974	81.727	ng		98
70) Phenanthrene	17.47	178	865802	42.369	ng		98
71) Anthracene	17.56	178	881256	43.053	ng		98
72) Carbazole	17.82	167	793742	41.793	ng		98
73) Di-n-butylphthalate	18.38	149	890927	39.357	ng	#	98
74) Fluoranthene	19.47	202	1130284	42.506	ng		95
76) Benzidine	19.65	184	466653	29.912	ng		97
77) Pyrene	19.83	202	1114331	40.309	ng		97
79) Butylbenzylphthalate	20.72	149	405545	40.400	ng	#	94
80) Benzo(a)anthracene	21.67	228	1151342	42.965	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	242966	24.100	ng	#	99
82) Chrysene	21.74	228	1072304	43.705	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	545944	38.490	ng		99
84) Di-n-octyl phthalate	22.79	149	944228	38.802	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1265610	44.044	ng	#	92
87) Benzo(b)fluoranthene	23.89	252	1117253	44.210	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	1068023	43.203	ng	#	96
89) Benzo(a)pyrene	24.76	252	1081141	45.465	ng	#	95
90) Dibenzo(a,h)anthracene	28.65	278	1021418	43.512	ng	#	94
91) Benzo(g,h,i)perylene	29.74	276	1045275	45.500	ng	#	93

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

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