Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038982.D
Acq On : 8 Jan 2019 1:04
Operator : JU/SJ
Sample : PB116227BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116227BS

Manual Integrations APPROVED
Sohil
1/8/2019 4:49:21 PM

Quant Time: Jan 08 03:38:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	27321	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	108251	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	74014	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	178409	20.00	ng		0.00
76) Chrysene-d12	21.71	240	172252	20.00	ng		-0.01
87) Perylene-d12	25.00	264	179325	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	166915	108.36	ng		0.00
7) Phenol-d6	7.21	99	225167	106.48	ng		0.00
23) Nitrobenzene-d5	9.22	82	134567	63.51	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	119672	117.32	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	370292	68.63	ng		-0.01
79) Terphenyl-d14	20.03	244	637879	80.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	16498	23.013	ng	#	91
3) Pyridine	3.89	79	44049	22.317	ng		94
4) n-Nitrosodimethylamine	3.81	42	27889	28.837	ng	#	96
6) Aniline	7.38	93	34809	12.895	ng		99
8) 2-Chlorophenol	7.61	128	59297	33.265	ng		97
9) Benzaldehyde	7.19	77	22212	16.192	ng		95
10) Phenol	7.24	94	74745	33.270	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	48230	26.964	ng		96
12) 1,3-Dichlorobenzene	7.93	146	63224	29.997	ng		98
13) 1,4-Dichlorobenzene	8.08	146	64467	29.865	ng		96
14) 1,2-Dichlorobenzene	8.40	146	61033	29.991	ng		95
15) Benzyl Alcohol	8.29	79	51741	31.347	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	102576	25.035	ng		96
17) 2-Methylphenol	8.49	107	50717	33.695	ng		99
18) Hexachloroethane	9.12	117	23094	29.278	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	41343	27.836	ng		97
20) 3+4-Methylphenols	8.82	107	71018	34.164	ng		96
22) Acetophenone	8.87	105	85510	31.625	ng	#	96
24) Nitrobenzene	9.26	77	64330	30.010	ng		96
25) Isophorone	9.77	82	116913	30.709	ng		98
26) 2-Nitrophenol	9.98	139	34148	31.125	ng		95
27) 2,4-Dimethylphenol	10.03	122	59264	37.691	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	66793	31.088	ng		99
29) 2,4-Dichlorophenol	10.51	162	66601	38.074	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	71765	33.965	ng		96
31) Naphthalene	10.91	128	182248	34.170	ng		98
32) Benzoic acid	10.17	122	33518m	36.618	ng		
33) 4-Chloroaniline	11.03	127	25836	11.157	ng		95
34) Hexachlorobutadiene	11.17	225	48817	34.145	ng		93
35) Caprolactam	11.81	113	21154	29.222	ng	#	87
36) 4-Chloro-3-methylphenol	12.15	107	68538	34.335	ng		98
37) 2-Methylnaphthalene	12.51	142	140611	36.954	ng		98
38) 1-Methylnaphthalene	12.73	142	133250	36.088	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	88658	32.046	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	106767	70.243 ng		95
43) 2,4,6-Trichlorophenol	13.12	196	60724m	35.697 ng		
44) 2,4,5-Trichlorophenol	13.20	196	64857	36.010 ng		97
46) 1,1'-Biphenyl	13.52	154	187200	30.170 ng		97
47) 2-Chloronaphthalene	13.56	162	151497	31.609 ng		97
48) 2-Nitroaniline	13.78	65	45128	29.560 ng		92
49) Acenaphthylene	14.41	152	243665	34.007 ng		100
50) Dimethylphthalate	14.13	163	193346	31.988 ng		98
51) 2,6-Dinitrotoluene	14.27	165	44434	32.440 ng		96
52) Acenaphthene	14.75	154	136317	31.816 ng		97
53) 3-Nitroaniline	14.61	138	22889	16.393 ng	#	83
54) 2,4-Dinitrophenol	14.81	184	52043	64.903 ng		98
55) Dibenzofuran	15.08	168	239500	32.610 ng		97
56) 4-Nitrophenol	14.91	139	63514	59.961 ng		97
57) 2,4-Dinitrotoluene	15.06	165	61811	32.040 ng	#	90
58) Fluorene	15.73	166	190436	34.999 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	61812	38.146 ng		94
60) Diethylphthalate	15.48	149	196902	29.675 ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	106918	31.493 ng		98
62) 4-Nitroaniline	15.77	138	43526	30.279 ng		95
63) Azobenzene	16.01	77	159855	28.839 ng		96
65) 4,6-Dinitro-2-methylphenol	15.81	198	41016	32.228 ng		91
66) n-Nitrosodiphenylamine	15.94	169	172796	32.963 ng		97
67) 4-Bromophenyl-phenylether	16.61	248	70057	32.153 ng		96
68) Hexachlorobenzene	16.73	284	76862	34.030 ng		97
69) Atrazine	16.88	200	70644	36.314 ng		97
70) Pentachlorophenol	17.08	266	87941	65.826 ng		98
71) Phenanthrene	17.48	178	320024	34.591 ng		100
72) Anthracene	17.56	178	325571	35.646 ng		99
73) Carbazole	17.84	167	284199	31.463 ng		98
74) Di-n-butylphthalate	18.37	149	328791	31.723 ng		99
75) Fluoranthene	19.48	202	395010	34.508 ng		97
77) Benzidine	19.67	184	94189	18.489 ng		98
78) Pyrene	19.84	202	391743	34.425 ng		100
80) Butylbenzylphthalate	20.71	149	159839	35.953 ng		94
81) Benzo(a)anthracene	21.69	228	371007	35.347 ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	72014	17.299 ng		99
83) Chrysene	21.76	228	348293	34.451 ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	202070	32.047 ng		100
85) Di-n-octyl phthalate	22.78	149	339067	32.109 ng		97
86) Indeno(1,2,3-cd)pyrene	28.76	276	416943	35.079 ng	#	80
88) Benzo(b)fluoranthene	23.95	252	356509	36.210 ng		98
89) Benzo(k)fluoranthene	24.02	252	351618	35.864 ng		97
90) Benzo(a)pyrene	24.84	252	347046	36.537 ng	#	98
91) Dibenzo(a,h)anthracene	28.84	278	345735	36.557 ng		99
92) Benzo(g,h,i)perylene	29.96	276	347410	37.275 ng		97

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

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