Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039180.D
Acq On : 17 Jan 2019 6:09
Operator : JU/SJ
Sample : PB116427BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Manual Integrations APPROVED
Sohil
1/17/2019 2:09:25 PM

Quant Time: Jan 17 10:27:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27657	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	124735	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	90557	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	230333	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	233738	20.00	ng	-0.02
87) Perylene-d12	24.94	264	250558	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	187472	128.59	ng	-0.01
7) Phenol-d6	7.18	99	272173	129.72	ng	0.00
23) Nitrobenzene-d5	9.19	82	152891	67.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	144493	95.19	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	434768	65.71	ng	-0.01
79) Terphenyl-d14	20.01	244	802415	63.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	16422	28.763	ng	94
3) Pyridine	3.85	79	47689	30.740	ng	92
4) n-Nitrosodimethylamine	3.77	42	25907	37.111	ng	90
6) Aniline	7.35	93	43876	17.412	ng	95
8) 2-Chlorophenol	7.58	128	69946	40.699	ng	98
9) Benzaldehyde	7.16	77	18894	15.615	ng	95
10) Phenol	7.21	94	92431	43.940	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	58700	36.511	ng	98
12) 1,3-Dichlorobenzene	7.90	146	66804	32.443	ng	97
13) 1,4-Dichlorobenzene	8.05	146	67185	32.217	ng	96
14) 1,2-Dichlorobenzene	8.37	146	66686	33.538	ng	99
15) Benzyl Alcohol	8.26	79	61843	39.139	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	109747	35.599	ng	98
17) 2-Methylphenol	8.46	107	63142	43.228	ng	98
18) Hexachloroethane	9.09	117	24343	34.359	ng	91
19) n-Nitroso-di-n-propylamine	8.82	70	49665	36.046	ng	90
20) 3+4-Methylphenols	8.79	107	88022	42.266	ng	96
22) Acetophenone	8.85	105	100826	30.952	ng	95
24) Nitrobenzene	9.24	77	75940	32.959	ng	98
25) Isophorone	9.75	82	147821	37.646	ng	96
26) 2-Nitrophenol	9.95	139	41843	33.575	ng	97
27) 2,4-Dimethylphenol	10.00	122	74838	42.683	ng	93
28) bis(2-Chloroethoxy)methane	10.23	93	89045	37.732	ng	97
29) 2,4-Dichlorophenol	10.48	162	82898	38.058	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	79195	30.259	ng	98
31) Naphthalene	10.88	128	216735	34.644	ng	99
32) Benzoic acid	10.16	122	23184m	26.715	ng	
33) 4-Chloroaniline	11.00	127	28826	10.298	ng	96
34) Hexachlorobutadiene	11.14	225	50167	27.857	ng	96
35) Caprolactam	11.78	113	28349m	32.456	ng	
36) 4-Chloro-3-methylphenol	12.12	107	90079	38.665	ng	91
37) 2-Methylnaphthalene	12.48	142	168924	36.015	ng	98
38) 1-Methylnaphthalene	12.71	142	164763	36.598	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	104403	30.698	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	106927	57.557	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	74873	34.980	ng		93
44) 2,4,5-Trichlorophenol	13.17	196	81459	36.007	ng		95
46) 1,1'-Biphenyl	13.49	154	232741	32.435	ng		99
47) 2-Chloronaphthalene	13.54	162	186866	32.181	ng		99
48) 2-Nitroaniline	13.75	65	58364	35.878	ng		98
49) Acenaphthylene	14.39	152	314167	35.996	ng		99
50) Dimethylphthalate	14.11	163	260465	34.037	ng		99
51) 2,6-Dinitrotoluene	14.24	165	59675	34.879	ng		91
52) Acenaphthene	14.72	154	177568	33.862	ng		96
53) 3-Nitroaniline	14.58	138	28325	16.320	ng		91
54) 2,4-Dinitrophenol	14.79	184	27093	30.090	ng		98
55) Dibenzofuran	15.06	168	311467	33.631	ng		98
56) 4-Nitrophenol	14.89	139	86454	69.229	ng		88
57) 2,4-Dinitrotoluene	15.03	165	84482	34.418	ng		96
58) Fluorene	15.71	166	251183	36.032	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	79219	37.096	ng		97
60) Diethylphthalate	15.46	149	269917	34.234	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	140523	31.996	ng		96
62) 4-Nitroaniline	15.74	138	62215	34.410	ng		92
63) Azobenzene	15.98	77	218132	35.378	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	36159	21.190	ng		91
66) n-Nitrosodiphenylamine	15.91	169	233576	34.208	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	92305	31.175	ng		97
68) Hexachlorobenzene	16.70	284	99471	30.788	ng		98
69) Atrazine	16.85	200	94745	32.662	ng		95
70) Pentachlorophenol	17.05	266	91248	48.197	ng		94
71) Phenanthrene	17.45	178	433780	35.630	ng		99
72) Anthracene	17.54	178	441909	36.711	ng		100
73) Carbazole	17.82	167	396950	33.404	ng		99
74) Di-n-butylphthalate	18.35	149	467351	35.353	ng		99
75) Fluoranthene	19.46	202	533969	35.379	ng		99
77) Benzidine	19.64	184	117648	16.456	ng		99
78) Pyrene	19.82	202	541944	36.382	ng		99
80) Butylbenzylphthalate	20.69	149	213008	37.598	ng		99
81) Benzo(a)anthracene	21.66	228	523501	36.792	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	93739	16.169	ng		97
83) Chrysene	21.73	228	482859	35.681	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	300244	38.167	ng		96
85) Di-n-octyl phthalate	22.74	149	514088	38.648	ng		99
86) Indeno(1,2,3-cd)pyrene	28.69	276	583871	36.107	ng	#	93
88) Benzo(b)fluoranthene	23.90	252	510749	36.969	ng		99
89) Benzo(k)fluoranthene	23.97	252	510124m	37.345	ng		
90) Benzo(a)pyrene	24.79	252	504344	37.767	ng	#	97
91) Dibenzo(a,h)anthracene	28.75	278	485400	36.543	ng		97
92) Benzo(g,h,i)perylene	29.87	276	489945	37.259	ng	#	94

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

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