Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
Data File : BG040484.D
Acq On : 15 Apr 2019 17:39
Operator : JU/SJ
Sample : PB118896BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118896BS

Manual Integrations APPROVED
Sohil
4/16/2019 5:23:41 PM

Quant Time: Apr 16 02:27:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52719	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	219816	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	144207	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	396815	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	423916	20.00	ng	-0.03
87) Perylene-d12	24.98	264	415691	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	433818	136.80	ng	-0.02
7) Phenol-d6	7.21	99	589633	134.54	ng	-0.02
23) Nitrobenzene-d5	9.22	82	365801	88.45	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	246282	158.02	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	836085	85.91	ng	-0.02
79) Terphenyl-d14	20.03	244	1561868	82.89	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	52070	34.919	ng	# 94
3) Pyridine	3.89	79	126281	31.453	ng	93
4) n-Nitrosodimethylamine	3.82	42	69594	37.473	ng	# 91
6) Aniline	7.37	93	170477	29.939	ng	98
8) 2-Chlorophenol	7.61	128	149027	40.145	ng	98
9) Benzaldehyde	7.19	77	67349	22.403	ng	94
10) Phenol	7.23	94	197851	41.591	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	142716	37.457	ng	99
12) 1,3-Dichlorobenzene	7.93	146	153706	38.089	ng	100
13) 1,4-Dichlorobenzene	8.08	146	154578	38.460	ng	99
14) 1,2-Dichlorobenzene	8.40	146	149044	38.778	ng	99
15) Benzyl Alcohol	8.29	79	133119	37.715	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	279228	38.186	ng	99
17) 2-Methylphenol	8.49	107	135146	41.056	ng	98
18) Hexachloroethane	9.12	117	55547	36.333	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	114882	36.560	ng	99
20) 3+4-Methylphenols	8.82	107	185282	41.549	ng	96
22) Acetophenone	8.87	105	228448	41.663	ng	# 99
24) Nitrobenzene	9.26	77	174531	40.755	ng	99
25) Isophorone	9.77	82	334108	39.265	ng	98
26) 2-Nitrophenol	9.97	139	84714	41.748	ng	99
27) 2,4-Dimethylphenol	10.02	122	154523	47.941	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	198223	39.375	ng	99
29) 2,4-Dichlorophenol	10.51	162	155010	44.306	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	158428	41.240	ng	97
31) Naphthalene	10.91	128	470136	41.726	ng	98
32) Benzoic acid	10.18	122	51432	26.410	ng	96
33) 4-Chloroaniline	11.03	127	135159	28.123	ng	98
34) Hexachlorobutadiene	11.17	225	92085	37.481	ng	96
35) Caprolactam	11.81	113	61200	44.080	ng	93
36) 4-Chloro-3-methylphenol	12.14	107	186177	46.289	ng	96
37) 2-Methylnaphthalene	12.51	142	354107	42.494	ng	99
38) 1-Methylnaphthalene	12.73	142	334054	41.341	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	181200	39.534	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	190321	75.626	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	126139	42.686	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	141183	43.833	ng	98
46) 1,1'-Biphenyl	13.51	154	463716	40.697	ng	99
47) 2-Chloronaphthalene	13.56	162	355973	40.729	ng	100
48) 2-Nitroaniline	13.77	65	133066	45.136	ng	97
49) Acenaphthylene	14.40	152	603369	40.717	ng	99
50) Dimethylphthalate	14.13	163	482453	42.747	ng	99
51) 2,6-Dinitrotoluene	14.26	165	112444	44.371	ng	99
52) Acenaphthene	14.74	154	354741	41.777	ng	99
53) 3-Nitroaniline	14.60	138	91178	33.990	ng	88
54) 2,4-Dinitrophenol	14.80	184	109802	81.472	ng	97
55) Dibenzofuran	15.07	168	596428	43.713	ng	99
56) 4-Nitrophenol	14.90	139	189346m	87.458	ng	
57) 2,4-Dinitrotoluene	15.05	165	165678	47.051	ng	99
58) Fluorene	15.73	166	469526	43.769	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	140034	47.910	ng	99
60) Diethylphthalate	15.48	149	511697	44.306	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	252413	44.020	ng	97
62) 4-Nitroaniline	15.76	138	139378	48.416	ng	99
63) Azobenzene	16.00	77	484824	44.505	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	88802	39.833	ng	99
66) n-Nitrosodiphenylamine	15.93	169	458300	39.468	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	171840	38.481	ng	96
68) Hexachlorobenzene	16.72	284	176988	39.419	ng	97
69) Atrazine	16.87	200	175005	40.515	ng	98
70) Pentachlorophenol	17.07	266	192474	74.148	ng	97
71) Phenanthrene	17.46	178	850166	40.761	ng	99
72) Anthracene	17.56	178	872849	41.810	ng	99
73) Carbazole	17.83	167	846998	42.870	ng	100
74) Di-n-butylphthalate	18.36	149	1004996	42.913	ng	99
75) Fluoranthene	19.47	202	1092674	44.242	ng	100
77) Benzidine	19.66	184	416300	27.195	ng	96
78) Pyrene	19.84	202	1083683	38.873	ng	99
80) Butylbenzylphthalate	20.70	149	497886	41.737	ng	99
81) Benzo(a)anthracene	21.68	228	1011055	38.722	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	294910	29.691	ng	100
83) Chrysene	21.75	228	1004281	40.020	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	710824	41.685	ng	99
85) Di-n-octyl phthalate	22.77	149	1214759	41.812	ng	100
86) Indeno(1,2,3-cd)pyrene	28.76	276	1223277	39.857	ng	99
88) Benzo(b)fluoranthene	23.93	252	1088442	42.767	ng	99
89) Benzo(k)fluoranthene	24.00	252	1064012	45.462	ng	98
90) Benzo(a)pyrene	24.83	252	1062486	44.495	ng	98
91) Dibenzo(a,h)anthracene	28.80	278	997756	44.989	ng	98
92) Benzo(g,h,i)perylene	29.93	276	988185	43.356	ng	97

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

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