Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036626.D
Acq On : 10 Sep 2018 15:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
9/11/2018 3:49:06 PM

Quant Time: Sep 10 16:29:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54674	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	244457	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	158427	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	442639	20.00	ng		0.00
75) Chrysene-d12	21.69	240	444857	20.00	ng		0.00
86) Perylene-d12	24.90	264	460960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	266948	77.45	ng		0.00
7) Phenol-d6	7.21	99	388611	78.75	ng		0.00
23) Nitrobenzene-d5	9.22	82	359662	79.83	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	166501	88.08	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	853289	76.90	ng		0.00
78) Terphenyl-d14	20.03	244	1426626	74.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	57771	35.916	ng		96
3) Pyridine	3.93	79	172297	38.161	ng		97
4) n-Nitrosodimethylamine	3.85	42	73030	36.315	ng	#	92
6) Aniline	7.38	93	234080	37.371	ng		97
8) 2-Chlorophenol	7.62	128	141097	37.750	ng		98
9) Benzaldehyde	7.19	77	124011	36.493	ng		95
10) Phenol	7.24	94	201554	39.030	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	151042	36.893	ng		99
12) 1,3-Dichlorobenzene	7.95	146	161810	37.913	ng		98
13) 1,4-Dichlorobenzene	8.09	146	164678	38.217	ng		98
14) 1,2-Dichlorobenzene	8.41	146	156362	37.997	ng		98
15) Benzyl Alcohol	8.29	79	145660	36.615	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	283781	34.371	ng		97
17) 2-Methylphenol	8.49	107	128844	37.575	ng		96
18) Hexachloroethane	9.14	117	57687	37.340	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	129998	35.249	ng		96
20) 3+4-Methylphenols	8.82	107	184425	38.523	ng		99
22) Acetophenone	8.87	105	233005	36.297	ng		99
24) Nitrobenzene	9.26	77	185753	38.233	ng		98
25) Isophorone	9.78	82	310759	34.720	ng		98
26) 2-Nitrophenol	9.97	139	78246	40.642	ng		98
27) 2,4-Dimethylphenol	10.02	122	128627	36.087	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	194428	35.394	ng		99
29) 2,4-Dichlorophenol	10.50	162	155340	39.766	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	178506	39.062	ng		96
31) Naphthalene	10.91	128	456454	37.352	ng		99
32) Benzoic acid	10.13	122	67127	27.511	ng		96
33) 4-Chloroaniline	11.01	127	215609	38.503	ng		99
34) Hexachlorobutadiene	11.20	225	120520	39.252	ng		98
35) Caprolactam	11.79	113	60325	38.765	ng		91
36) 4-Chloro-3-methylphenol	12.13	107	173468	38.217	ng		96
37) 2-Methylnaphthalene	12.51	142	336795	37.666	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	218287	38.934	ng		99
40) Hexachlorocyclopentadiene	12.86	237	99725	34.186	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	135906	39.794	ng		100
43) 2,4,5-Trichlorophenol	13.18	196	147541	40.503	ng		99
45) 1,1'-Biphenyl	13.52	154	486774	37.015	ng		100
46) 2-Chloronaphthalene	13.56	162	382841	38.134	ng		99
47) 2-Nitroaniline	13.76	65	130717	41.464	ng		94
48) Acenaphthylene	14.40	152	587284	37.430	ng		100
49) Dimethylphthalate	14.13	163	498416	38.528	ng		100
50) 2,6-Dinitrotoluene	14.25	165	110458	41.495	ng		92
51) Acenaphthene	14.74	154	368452	36.667	ng		99
52) 3-Nitroaniline	14.58	138	124817	43.511	ng		99
53) 2,4-Dinitrophenol	14.79	184	18322	18.171	ng		98
54) Dibenzofuran	15.08	168	607658	38.599	ng		99
55) 4-Nitrophenol	14.88	139	82443	35.150	ng		93
56) 2,4-Dinitrotoluene	15.03	165	158019	45.547	ng		92
57) Fluorene	15.73	166	458757	38.981	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	143777	42.009	ng		95
59) Diethylphthalate	15.49	149	516703	39.633	ng		100
60) 4-Chlorophenyl-phenylether	15.72	204	293314	40.362	ng		98
61) 4-Nitroaniline	15.74	138	133023	44.314	ng		94
62) Azobenzene	16.01	77	491653	37.064	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	61197	31.473	ng		94
65) n-Nitrosodiphenylamine	15.93	169	471083	35.817	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	192273	37.101	ng		98
67) Hexachlorobenzene	16.73	284	198330	37.427	ng		98
68) Atrazine	16.88	200	156449	31.691	ng		97
69) Pentachlorophenol	17.07	266	122593m	34.039	ng		
70) Phenanthrene	17.46	178	825317	36.694	ng		99
71) Anthracene	17.56	178	821814	36.655	ng		99
72) Carbazole	17.82	167	810558	36.200	ng		100
73) Di-n-butylphthalate	18.38	149	892210	35.783	ng		100
74) Fluoranthene	19.47	202	1003604	36.598	ng		99
76) Benzidine	19.64	184	436476	30.753	ng		98
77) Pyrene	19.83	202	1010203	36.928	ng		99
79) Butylbenzylphthalate	20.71	149	402343	36.957	ng		96
80) Benzo(a)anthracene	21.67	228	987276	36.633	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	383515	35.707	ng		96
82) Chrysene	21.74	228	952914	37.303	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	552137	36.242	ng		99
84) Di-n-octyl phthalate	22.79	149	915440	35.975	ng		97
85) Indeno(1,2,3-cd)pyrene	28.55	276	950320	32.029	ng	#	94
87) Benzo(b)fluoranthene	23.88	252	966431	37.755	ng		97
88) Benzo(k)fluoranthene	23.95	252	953424	38.126	ng		99
89) Benzo(a)pyrene	24.74	252	913664	37.145	ng		100
90) Dibenzo(a,h)anthracene	28.61	278	769977	32.426	ng		98
91) Benzo(g,h,i)perylene	29.69	276	776521	32.541	ng		96

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

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