Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039956.D
Acq On : 16 Mar 2019 00:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 16 04:11:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	59303	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	261316	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	166218	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	359353	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	370130	20.00	ng		-0.02
87) Perylene-d12	25.18	264	382799	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	266828	76.76	ng		-0.02
7) Phenol-d6	7.30	99	403140	77.78	ng		-0.02
23) Nitrobenzene-d5	9.33	82	402606	83.33	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	152559	78.74	ng		-0.02
45) 2-Fluorobiphenyl	13.40	172	917656	78.61	ng		-0.02
79) Terphenyl-d14	20.11	244	1271177	75.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	55382	34.510	ng		96
3) Pyridine	3.98	79	163005	37.940	ng		96
4) n-Nitrosodimethylamine	3.91	42	86701	42.538	ng		93
6) Aniline	7.48	93	258383	38.050	ng		99
8) 2-Chlorophenol	7.71	128	163166	38.691	ng		97
9) Benzaldehyde	7.29	77	118187	35.349	ng		99
10) Phenol	7.33	94	213815	38.079	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	169182	38.645	ng		95
12) 1,3-Dichlorobenzene	8.04	146	185281	38.847	ng		98
13) 1,4-Dichlorobenzene	8.18	146	187700	38.636	ng		98
14) 1,2-Dichlorobenzene	8.50	146	179064	38.148	ng		99
15) Benzyl Alcohol	8.39	79	164443	39.996	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	356234	40.686	ng		99
17) 2-Methylphenol	8.58	107	139292	38.905	ng		95
18) Hexachloroethane	9.23	117	69772	40.025	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	140558	37.676	ng		96
20) 3+4-Methylphenols	8.91	107	193711	38.946	ng		97
22) Acetophenone	8.98	105	277141	39.515	ng	#	98
24) Nitrobenzene	9.37	77	209020	41.237	ng		98
25) Isophorone	9.89	82	398915	39.403	ng		99
26) 2-Nitrophenol	10.08	139	103349	42.230	ng	#	94
27) 2,4-Dimethylphenol	10.12	122	150615	39.571	ng		92
28) bis(2-Chloroethoxy)methane	10.36	93	236816	38.492	ng		98
29) 2,4-Dichlorophenol	10.61	162	178712	41.703	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	193429	40.112	ng		99
31) Naphthalene	11.02	128	541474	39.136	ng		99
32) Benzoic acid	10.28	122	95059	37.972	ng		97
33) 4-Chloroaniline	11.13	127	228264	38.907	ng		98
34) Hexachlorobutadiene	11.28	225	135489	41.117	ng		94
35) Caprolactam	11.94	113	56697	34.635	ng		93
36) 4-Chloro-3-methylphenol	12.23	107	190908	38.862	ng		99
37) 2-Methylnaphthalene	12.61	142	394211	38.111	ng		99
38) 1-Methylnaphthalene	12.83	142	389175	38.715	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	234745	41.688	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	130517	43.250	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	140333	42.567	ng		94
44) 2,4,5-Trichlorophenol	13.28	196	152835	41.129	ng		98
46) 1,1'-Biphenyl	13.61	154	548640	40.131	ng		99
47) 2-Chloronaphthalene	13.66	162	408886	39.757	ng		98
48) 2-Nitroaniline	13.87	65	137700	41.662	ng		96
49) Acenaphthylene	14.50	152	654747	38.780	ng		100
50) Dimethylphthalate	14.22	163	517485	37.232	ng		99
51) 2,6-Dinitrotoluene	14.36	165	116868	39.663	ng		95
52) Acenaphthene	14.84	154	391823	38.559	ng		97
53) 3-Nitroaniline	14.69	138	111928	37.789	ng	#	92
54) 2,4-Dinitrophenol	14.89	184	90800	50.911	ng		99
55) Dibenzofuran	15.17	168	630704	37.830	ng		99
56) 4-Nitrophenol	14.98	139	94018	35.484	ng		91
57) 2,4-Dinitrotoluene	15.14	165	161755	39.069	ng		89
58) Fluorene	15.82	166	492775	37.597	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	143503	39.542	ng		98
60) Diethylphthalate	15.57	149	506972	36.847	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	265377	37.943	ng		98
62) 4-Nitroaniline	15.86	138	121298	37.776	ng		98
63) Azobenzene	16.10	77	480806	38.550	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	90126	42.417	ng		98
66) n-Nitrosodiphenylamine	16.03	169	431653	41.492	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	171814	42.715	ng		96
68) Hexachlorobenzene	16.81	284	176337	42.293	ng		95
69) Atrazine	16.96	200	162117	39.595	ng		94
70) Pentachlorophenol	17.16	266	107645	40.880	ng		99
71) Phenanthrene	17.57	178	782991	39.558	ng		99
72) Anthracene	17.65	178	771498	39.998	ng		99
73) Carbazole	17.93	167	682377	39.242	ng		99
74) Di-n-butylphthalate	18.45	149	817816	39.973	ng		99
75) Fluoranthene	19.56	202	909642	38.886	ng		99
77) Benzidine	19.74	184	523213	44.547	ng		99
78) Pyrene	19.93	202	915006	38.044	ng		99
80) Butylbenzylphthalate	20.79	149	384527	41.267	ng		97
81) Benzo(a)anthracene	21.79	228	911661	39.301	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	334432	39.488	ng		98
83) Chrysene	21.86	228	870602	38.712	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	534889	40.849	ng		99
85) Di-n-octyl phthalate	22.91	149	911179	42.027	ng		96
86) Indeno(1,2,3-cd)pyrene	29.04	276	1024047	40.139	ng	#	97
88) Benzo(b)fluoranthene	24.10	252	913220	40.006	ng		99
89) Benzo(k)fluoranthene	24.17	252	823917	38.775	ng		97
90) Benzo(a)pyrene	25.01	252	852545	40.417	ng		99
91) Dibenzo(a,h)anthracene	29.11	278	822411	39.770	ng		97
92) Benzo(g,h,i)perylene	30.28	276	830798	40.003	ng		97

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

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