Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039749.D
Acq On : 5 Mar 2019 2:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 05 04:01:00 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	8.16	152	45603	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	215453	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	149230	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	355498	20.00	ng		0.00
76) Chrysene-d12	21.82	240	346704	20.00	ng		0.00
87) Perylene-d12	25.19	264	362851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	223723	83.69	ng		0.00
7) Phenol-d6	7.30	99	337734	84.74	ng		0.00
23) Nitrobenzene-d5	9.34	82	334818	84.05	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	145416	83.60	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	811063	77.38	ng		0.00
79) Terphenyl-d14	20.12	244	1253717	79.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	48683	39.449	ng		94
3) Pyridine	4.00	79	144100	43.616	ng		96
4) n-Nitrosodimethylamine	3.91	42	65032	41.492	ng	#	85
6) Aniline	7.49	93	215948	41.355	ng		96
8) 2-Chlorophenol	7.71	128	135219	41.696	ng		96
9) Benzaldehyde	7.30	77	109030	42.407	ng		97
10) Phenol	7.33	94	181762	42.096	ng		96
11) bis(2-Chloroethyl)ether	7.57	93	139427	41.416	ng		96
12) 1,3-Dichlorobenzene	8.04	146	151322	41.258	ng		97
13) 1,4-Dichlorobenzene	8.20	146	148501	39.750	ng		99
14) 1,2-Dichlorobenzene	8.51	146	145425	40.289	ng		99
15) Benzyl Alcohol	8.40	79	133867	42.340	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	273694	40.650	ng		99
17) 2-Methylphenol	8.59	107	115287	41.874	ng		97
18) Hexachloroethane	9.24	117	54534	40.682	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	119111	41.519	ng		96
20) 3+4-Methylphenols	8.92	107	162859	42.580	ng		94
22) Acetophenone	8.99	105	234490	40.550	ng	#	94
24) Nitrobenzene	9.38	77	170781	40.865	ng		96
25) Isophorone	9.89	82	343116	41.106	ng		98
26) 2-Nitrophenol	10.09	139	85915	42.579	ng		97
27) 2,4-Dimethylphenol	10.13	122	131624	41.943	ng		95
28) bis(2-Chloroethoxy)methane	10.38	93	204518	40.319	ng		98
29) 2,4-Dichlorophenol	10.62	162	149683	42.364	ng		99
30) 1,2,4-Trichlorobenzene	10.83	180	157721	39.670	ng		97
31) Naphthalene	11.03	128	459666	40.296	ng		100
32) Benzoic acid	10.26	122	87472	41.614	ng		98
33) 4-Chloroaniline	11.14	127	200382	41.425	ng		97
34) Hexachlorobutadiene	11.29	225	106770	39.299	ng		94
35) Caprolactam	11.93	113	57810	42.832	ng	#	84
36) 4-Chloro-3-methylphenol	12.24	107	170134	42.006	ng		94
37) 2-Methylnaphthalene	12.62	142	350078	41.048	ng		99
38) 1-Methylnaphthalene	12.84	142	339207	40.927	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	199494	39.461	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	111515	41.160	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	124985	42.228	ng		94
44) 2,4,5-Trichlorophenol	13.29	196	137552	41.230	ng		99
46) 1,1'-Biphenyl	13.62	154	486076	39.602	ng		99
47) 2-Chloronaphthalene	13.67	162	364939	39.523	ng		98
48) 2-Nitroaniline	13.88	65	128403	43.271	ng		94
49) Acenaphthylene	14.51	152	610875	40.301	ng		99
50) Dimethylphthalate	14.23	163	490645	39.319	ng		99
51) 2,6-Dinitrotoluene	14.36	165	111293	42.071	ng		92
52) Acenaphthene	14.85	154	366326	40.153	ng		99
53) 3-Nitroaniline	14.70	138	111788	42.039	ng	#	92
54) 2,4-Dinitrophenol	14.90	184	61196	39.528	ng		97
55) Dibenzofuran	15.18	168	594919	39.745	ng		97
56) 4-Nitrophenol	14.99	139	98388	41.360	ng		89
57) 2,4-Dinitrotoluene	15.15	165	158875	42.742	ng	#	85
58) Fluorene	15.83	166	469181	39.872	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	137205	42.110	ng		96
60) Diethylphthalate	15.58	149	490012	39.668	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	246077	39.189	ng		98
62) 4-Nitroaniline	15.86	138	122269	42.413	ng		95
63) Azobenzene	16.11	77	442782	39.543	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	88884	42.287	ng		95
66) n-Nitrosodiphenylamine	16.03	169	420990	40.906	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	164561	41.355	ng		95
68) Hexachlorobenzene	16.82	284	166674	40.409	ng		97
69) Atrazine	16.97	200	166205	41.034	ng		99
70) Pentachlorophenol	17.17	266	109963	42.213	ng		98
71) Phenanthrene	17.57	178	776751	39.668	ng		99
72) Anthracene	17.67	178	770027	40.354	ng		99
73) Carbazole	17.94	167	694626	40.380	ng		99
74) Di-n-butylphthalate	18.46	149	821142	40.571	ng		99
75) Fluoranthene	19.57	202	922814	39.877	ng		99
77) Benzidine	19.75	184	466865	42.435	ng		100
78) Pyrene	19.93	202	916924	40.700	ng		99
80) Butylbenzylphthalate	20.80	149	372111	42.633	ng		100
81) Benzo(a)anthracene	21.80	228	883107	40.642	ng		98
82) 3,3'-Dichlorobenzidine	21.71	252	327141	41.237	ng		99
83) Chrysene	21.87	228	847173	40.216	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	523459	42.678	ng		99
85) Di-n-octyl phthalate	22.92	149	875712	43.120	ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	1008049	42.182	ng	#	95
88) Benzo(b)fluoranthene	24.11	252	872491	40.323	ng		99
89) Benzo(k)fluoranthene	24.19	252	815733	40.500	ng		98
90) Benzo(a)pyrene	25.03	252	825551	41.289	ng		98
91) Dibenzo(a,h)anthracene	29.14	278	797757	40.699	ng		98
92) Benzo(g,h,i)perylene	30.30	276	807318	41.009	ng		100

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

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