Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039213.D
Acq On : 18 Jan 2019 13:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 18 14:51:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	22481	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	86087	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	61240	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	155880	20.00	ng	0.00
76) Chrysene-d12	21.68	240	156381	20.00	ng	0.00
87) Perylene-d12	24.93	264	162802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	99984	84.37	ng	0.00
7) Phenol-d6	7.17	99	148523	87.08	ng	0.00
23) Nitrobenzene-d5	9.19	82	129613	82.39	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	78712	76.68	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	379791	84.87	ng	0.00
79) Terphenyl-d14	20.00	244	685691	81.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	16073	34.634	ng	98
3) Pyridine	3.85	79	55407	43.938	ng	96
4) n-Nitrosodimethylamine	3.77	42	23376	41.195	ng	98
6) Aniline	7.34	93	88649	43.280	ng	98
8) 2-Chlorophenol	7.57	128	58201	41.662	ng	97
9) Benzaldehyde	7.15	77	38942	39.593	ng	98
10) Phenol	7.20	94	75511	44.161	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	56520	43.249	ng	94
12) 1,3-Dichlorobenzene	7.89	146	65806	39.316	ng	97
13) 1,4-Dichlorobenzene	8.05	146	65119	38.415	ng	100
14) 1,2-Dichlorobenzene	8.36	146	61031	37.761	ng	92
15) Benzyl Alcohol	8.25	79	53014	41.276	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	97437	38.883	ng	99
17) 2-Methylphenol	8.45	107	45568	38.379	ng	97
18) Hexachloroethane	9.08	117	21190	36.795	ng	88
19) n-Nitroso-di-n-propylamine	8.82	70	44404	39.648	ng	95
20) 3+4-Methylphenols	8.79	107	65133	38.476	ng	96
22) Acetophenone	8.84	105	91748	40.810	ng	98
24) Nitrobenzene	9.23	77	68756	43.238	ng	97
25) Isophorone	9.75	82	109862	40.540	ng	99
26) 2-Nitrophenol	9.94	139	35805	41.628	ng	98
27) 2,4-Dimethylphenol	9.99	122	48000	39.667	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	67418	41.393	ng	98
29) 2,4-Dichlorophenol	10.47	162	67285	44.758	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	69765	38.623	ng	98
31) Naphthalene	10.87	128	175117	40.558	ng	97
32) Benzoic acid	10.16	122	28149	39.825	ng	94
33) 4-Chloroaniline	11.00	127	78337	40.548	ng	97
34) Hexachlorobutadiene	11.14	225	53375	42.945	ng	97
35) Caprolactam	11.79	113	24403	40.481	ng	99
36) 4-Chloro-3-methylphenol	12.11	107	68918	42.862	ng	92
37) 2-Methylnaphthalene	12.48	142	124113	38.341	ng	100
38) 1-Methylnaphthalene	12.70	142	121810	39.204	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	90798	39.479	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	46119	38.786	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	57803	39.933	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	64045	41.862	ng		98
46) 1,1'-Biphenyl	13.48	154	195385	40.265	ng		97
47) 2-Chloronaphthalene	13.53	162	156690	39.903	ng		97
48) 2-Nitroaniline	13.75	65	51836	47.119	ng		99
49) Acenaphthylene	14.38	152	227593	38.561	ng		98
50) Dimethylphthalate	14.10	163	201805	38.996	ng		99
51) 2,6-Dinitrotoluene	14.24	165	43868	37.915	ng		98
52) Acenaphthene	14.72	154	138249	38.985	ng		97
53) 3-Nitroaniline	14.57	138	45817	39.036	ng		93
54) 2,4-Dinitrophenol	14.78	184	27789	42.854	ng		94
55) Dibenzofuran	15.05	168	241465	38.554	ng		99
56) 4-Nitrophenol	14.89	139	32447	38.421	ng		97
57) 2,4-Dinitrotoluene	15.03	165	63442	38.220	ng	#	96
58) Fluorene	15.70	166	202800	43.018	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	55929	38.727	ng	#	100
60) Diethylphthalate	15.46	149	200070	37.523	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	122108	41.113	ng		99
62) 4-Nitroaniline	15.74	138	53164	43.481	ng		98
63) Azobenzene	15.98	77	166054	39.824	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	46233	40.034	ng		98
66) n-Nitrosodiphenylamine	15.91	169	177614	38.436	ng		94
67) 4-Bromophenyl-phenylether	16.58	248	79967	39.908	ng		96
68) Hexachlorobenzene	16.70	284	81953	37.482	ng		98
69) Atrazine	16.85	200	71273	36.306	ng		95
70) Pentachlorophenol	17.05	266	48729	39.255	ng		99
71) Phenanthrene	17.44	178	326366	39.611	ng		99
72) Anthracene	17.54	178	323796	39.747	ng		99
73) Carbazole	17.81	167	315903	39.281	ng		99
74) Di-n-butylphthalate	18.34	149	342950	38.333	ng		99
75) Fluoranthene	19.45	202	408908	40.033	ng		99
77) Benzidine	19.64	184	182698	38.197	ng		99
78) Pyrene	19.82	202	418483	41.991	ng		99
80) Butylbenzylphthalate	20.69	149	159807	42.161	ng		98
81) Benzo(a)anthracene	21.65	228	376021	39.499	ng		98
82) 3,3'-Dichlorobenzidine	21.57	252	155196	40.012	ng		98
83) Chrysene	21.72	228	358218	39.564	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	217802	41.383	ng		95
85) Di-n-octyl phthalate	22.73	149	356546	40.064	ng		100
86) Indeno(1,2,3-cd)pyrene	28.68	276	420900	38.905	ng	#	95
88) Benzo(b)fluoranthene	23.89	252	364858	40.644	ng		99
89) Benzo(k)fluoranthene	23.96	252	348651	39.282	ng		98
90) Benzo(a)pyrene	24.78	252	351473	40.507	ng		98
91) Dibenzo(a,h)anthracene	28.73	278	347261	40.236	ng		100
92) Benzo(g,h,i)perylene	29.86	276	353023	41.317	ng		96

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

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