Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041005.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 01 11:02:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	58108	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	248652	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	170064	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	414411	20.00	ng	0.00
76) Chrysene-d12	21.77	240	414074	20.00	ng	-0.01
87) Perylene-d12	25.11	264	439923	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	264357	82.04	ng	0.00
7) Phenol-d6	7.26	99	386290	77.62	ng	0.00
23) Nitrobenzene-d5	9.30	82	445344	79.51	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	199814	79.14	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	982076	83.16	ng	-0.01
79) Terphenyl-d14	20.09	244	1582795	81.13	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	59977	41.016	ng	99
3) Pyridine	3.93	79	177934	41.123	ng	97
4) n-Nitrosodimethylamine	3.85	42	85042	42.348	ng	92
6) Aniline	7.44	93	263799	39.711	ng	97
8) 2-Chlorophenol	7.68	128	152306	39.645	ng	97
9) Benzaldehyde	7.26	77	124514	41.941	ng	90
10) Phenol	7.29	94	202718	37.990	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	156270	40.369	ng	98
12) 1,3-Dichlorobenzene	8.01	146	187794	40.927	ng	95
13) 1,4-Dichlorobenzene	8.16	146	190887	41.099	ng	97
14) 1,2-Dichlorobenzene	8.48	146	180950	40.125	ng	98
15) Benzyl Alcohol	8.36	79	182946	39.739	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	262174	41.447	ng	97
17) 2-Methylphenol	8.55	107	148550	38.449	ng	95
18) Hexachloroethane	9.21	117	77014	43.022	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	148441	38.758	ng	96
20) 3+4-Methylphenols	8.88	107	203610	38.045	ng	99
22) Acetophenone	8.95	105	279297	40.042	ng	99
24) Nitrobenzene	9.34	77	226528	39.686	ng	100
25) Isophorone	9.86	82	414357	38.873	ng	99
26) 2-Nitrophenol	10.05	139	96136	40.855	ng	93
27) 2,4-Dimethylphenol	10.09	122	145275	37.381	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	227894	39.613	ng	97
29) 2,4-Dichlorophenol	10.58	162	185514	37.590	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	222498	39.632	ng	98
31) Naphthalene	11.00	128	519329	38.900	ng	98
32) Benzoic acid	10.22	122	116673	40.200	ng	92
33) 4-Chloroaniline	11.10	127	234472	37.852	ng	97
34) Hexachlorobutadiene	11.26	225	177770	41.383	ng	97
35) Caprolactam	11.90	113	58850	36.111	ng	94
36) 4-Chloro-3-methylphenol	12.20	107	202332	35.898	ng	99
37) 2-Methylnaphthalene	12.59	142	384268	37.372	ng	98
38) 1-Methylnaphthalene	12.81	142	364096	37.577	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	286143	41.745	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	134771	41.047	ng		95
43) 2,4,6-Trichlorophenol	13.18	196	178927	40.351	ng		99
44) 2,4,5-Trichlorophenol	13.26	196	183602	39.260	ng		97
46) 1,1'-Biphenyl	13.59	154	514529	40.873	ng		99
47) 2-Chloronaphthalene	13.64	162	444898	41.168	ng		99
48) 2-Nitroaniline	13.84	65	157363	40.589	ng		99
49) Acenaphthylene	14.48	152	653631	40.186	ng		100
50) Dimethylphthalate	14.20	163	565670	39.294	ng		99
51) 2,6-Dinitrotoluene	14.33	165	122140	39.350	ng		96
52) Acenaphthene	14.82	154	387921	39.369	ng		95
53) 3-Nitroaniline	14.67	138	123693	39.852	ng		98
54) 2,4-Dinitrophenol	14.87	184	53376	43.119	ng		99
55) Dibenzofuran	15.15	168	655265	39.522	ng		100
56) 4-Nitrophenol	14.95	139	85888	40.343	ng		85
57) 2,4-Dinitrotoluene	15.11	165	173288	39.523	ng	#	98
58) Fluorene	15.79	166	521655	39.508	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	182474	39.704	ng		97
60) Diethylphthalate	15.55	149	571935	38.930	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	337965	39.379	ng		95
62) 4-Nitroaniline	15.82	138	131579	40.043	ng		96
63) Azobenzene	16.08	77	522507	39.130	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	90342	41.992	ng		97
66) n-Nitrosodiphenylamine	16.00	169	465284	39.940	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	220764	39.474	ng		97
68) Hexachlorobenzene	16.79	284	234423	39.364	ng		98
69) Atrazine	16.94	200	186967	41.594	ng		94
70) Pentachlorophenol	17.13	266	126839	41.899	ng		97
71) Phenanthrene	17.54	178	860780	39.877	ng		100
72) Anthracene	17.63	178	852425	40.039	ng		100
73) Carbazole	17.90	167	745459	40.808	ng		99
74) Di-n-butylphthalate	18.43	149	910981	40.124	ng		99
75) Fluoranthene	19.54	202	1086387	40.746	ng		99
77) Benzidine	19.72	184	437662	44.307	ng		97
78) Pyrene	19.91	202	1091276	40.541	ng		99
80) Butylbenzylphthalate	20.77	149	424640	40.538	ng		99
81) Benzo(a)anthracene	21.76	228	1104151	40.059	ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	394112	40.652	ng		99
83) Chrysene	21.83	228	1052098	39.887	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	586428	39.768	ng		99
85) Di-n-octyl phthalate	22.87	149	968745	39.446	ng		98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1273569	39.416	ng	#	98
88) Benzo(b)fluoranthene	24.05	252	1070122	40.105	ng		99
89) Benzo(k)fluoranthene	24.12	252	1061997	40.220	ng		99
90) Benzo(a)pyrene	24.96	252	1018811	40.020	ng		95
91) Dibenzo(a,h)anthracene	29.02	278	1023460	40.235	ng		98
92) Benzo(g,h,i)perylene	30.16	276	1019015	41.234	ng		98

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

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