Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042453.D
Acq On : 24 Aug 2019 5:45
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 24 06:20:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	56666	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	235597	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	162972	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	358694	20.00	ng		0.00
76) Chrysene-d12	21.70	240	355756	20.00	ng		0.00
87) Perylene-d12	24.93	264	424214	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	242045	86.51	ng		0.00
7) Phenol-d6	7.17	99	323487	85.59	ng		0.00
23) Nitrobenzene-d5	9.17	82	285949	83.87	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	162501	70.15	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	815190	84.60	ng		0.00
79) Terphenyl-d14	20.03	244	1313041	79.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	52133	44.649	ng		96
3) Pyridine	3.82	79	139245	46.507	ng		96
4) n-Nitrosodimethylamine	3.74	42	46556	43.536	ng		94
6) Aniline	7.32	93	209410	41.543	ng		98
8) 2-Chlorophenol	7.57	128	140547	41.449	ng		96
9) Benzaldehyde	7.13	77	84117	44.457	ng		97
10) Phenol	7.20	94	166281	43.273	ng		97
11) bis(2-Chloroethyl)ether	7.41	93	131615	43.612	ng		95
12) 1,3-Dichlorobenzene	7.89	146	175596	40.707	ng		98
13) 1,4-Dichlorobenzene	8.04	146	179307	41.037	ng		94
14) 1,2-Dichlorobenzene	8.36	146	170681	40.790	ng		99
15) Benzyl Alcohol	8.24	79	109811	40.386	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	185476	45.345	ng		98
17) 2-Methylphenol	8.45	107	114978	40.624	ng		97
18) Hexachloroethane	9.09	117	56608	37.844	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	100774	41.158	ng		97
20) 3+4-Methylphenols	8.78	107	161971	41.357	ng		98
22) Acetophenone	8.83	105	209306	41.537	ng	#	99
24) Nitrobenzene	9.21	77	145381	42.110	ng		99
25) Isophorone	9.73	82	277025	41.173	ng		96
26) 2-Nitrophenol	9.93	139	82074	37.936	ng		95
27) 2,4-Dimethylphenol	9.99	122	121416	40.740	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	180954	42.670	ng		99
29) 2,4-Dichlorophenol	10.48	162	155394	39.853	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	186546	38.977	ng		99
31) Naphthalene	10.87	128	448248	40.980	ng		99
32) Benzoic acid	10.13	122	67387	34.023	ng		92
33) 4-Chloroaniline	10.98	127	204427	40.486	ng		99
34) Hexachlorobutadiene	11.16	225	122866	38.198	ng		99
35) Caprolactam	11.76	113	50895	39.118	ng	#	86
36) 4-Chloro-3-methylphenol	12.11	107	148425	40.099	ng		99
37) 2-Methylnaphthalene	12.48	142	348960	39.732	ng		96
38) 1-Methylnaphthalene	12.70	142	331562	39.743	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	217385	41.536	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	46808	17.026	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	142767	40.357	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	149124	40.678	ng		97
46) 1,1'-Biphenyl	13.49	154	440995	41.861	ng		99
47) 2-Chloronaphthalene	13.54	162	380066	41.841	ng		98
48) 2-Nitroaniline	13.74	65	101330	46.260	ng		97
49) Acenaphthylene	14.38	152	580152	42.452	ng		99
50) Dimethylphthalate	14.11	163	473674	40.282	ng		99
51) 2,6-Dinitrotoluene	14.23	165	108512	39.811	ng		99
52) Acenaphthene	14.73	154	341693	41.177	ng		99
53) 3-Nitroaniline	14.56	138	115895	42.516	ng		93
54) 2,4-Dinitrophenol	14.78	184	20979	16.786	ng		98
55) Dibenzofuran	15.06	168	570280	41.517	ng		99
56) 4-Nitrophenol	14.89	139	79664	41.128	ng		94
57) 2,4-Dinitrotoluene	15.03	165	152426	39.053	ng		99
58) Fluorene	15.71	166	454020	40.435	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	138393	38.174	ng	#	89
60) Diethylphthalate	15.48	149	464578	40.415	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	267345	39.498	ng		98
62) 4-Nitroaniline	15.73	138	124812	42.782	ng		96
63) Azobenzene	15.99	77	347994	44.180	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	40128	17.844	ng		95
66) n-Nitrosodiphenylamine	15.92	169	414608	42.031	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	181255	39.838	ng		98
68) Hexachlorobenzene	16.73	284	194510	39.327	ng		95
69) Atrazine	16.86	200	126748	36.335	ng		99
70) Pentachlorophenol	17.07	266	90163	35.085	ng		99
71) Phenanthrene	17.46	178	743540	41.732	ng		99
72) Anthracene	17.55	178	753487	42.363	ng		99
73) Carbazole	17.82	167	675780	42.630	ng		99
74) Di-n-butylphthalate	18.37	149	810577	43.257	ng		99
75) Fluoranthene	19.47	202	920727	42.343	ng		99
77) Benzidine	19.65	184	384966	37.743	ng		100
78) Pyrene	19.83	202	919578	42.161	ng		100
80) Butylbenzylphthalate	20.71	149	375247	43.741	ng		95
81) Benzo(a)anthracene	21.67	228	912402	42.160	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	341830	39.274	ng		99
83) Chrysene	21.74	228	875645	41.955	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	531624	44.632	ng		96
85) Di-n-octyl phthalate	22.80	149	910967	44.467	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1095334	38.618	ng		98
88) Benzo(b)fluoranthene	23.91	252	970841	41.628	ng		99
89) Benzo(k)fluoranthene	23.98	252	944421	42.129	ng		99
90) Benzo(a)pyrene	24.79	252	930417	42.043	ng		98
91) Dibenzo(a,h)anthracene	28.71	278	896341	40.002	ng		98
92) Benzo(g,h,i)perylene	29.81	276	829508	37.014	ng	#	97

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

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