Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040925.D
Acq On : 13 May 2019 23:50
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
5/14/2019 8:04:45 PM

Quant Time: May 14 03:23:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	55307	20.00	ng		-0.03
21) Naphthalene-d8	10.95	136	242677	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	180649	20.00	ng		-0.03
64) Phenanthrene-d10	17.50	188	435267	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	424192	20.00	ng		-0.04
87) Perylene-d12	25.13	264	467806	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	268989	85.73	ng		-0.03
7) Phenol-d6	7.27	99	429121	88.83	ng		-0.02
23) Nitrobenzene-d5	9.31	82	468651	89.23	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	236622	95.29	ng		-0.03
45) 2-Fluorobiphenyl	13.38	172	1087478	86.94	ng		-0.03
79) Terphenyl-d14	20.10	244	1727716	90.23	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	51824	36.320	ng		89
3) Pyridine	3.94	79	159061	38.459	ng		90
4) n-Nitrosodimethylamine	3.86	42	82661	36.033	ng	#	90
6) Aniline	7.45	93	251649	39.301	ng		97
8) 2-Chlorophenol	7.68	128	166145	43.368	ng		97
9) Benzaldehyde	7.27	77	119480	41.731	ng		92
10) Phenol	7.30	94	228537	44.009	ng		97
11) bis(2-Chloroethyl)ether	7.54	93	160700	41.267	ng		95
12) 1,3-Dichlorobenzene	8.01	146	179809	43.001	ng		96
13) 1,4-Dichlorobenzene	8.17	146	182262	42.997	ng		97
14) 1,2-Dichlorobenzene	8.48	146	174196	42.612	ng		95
15) Benzyl Alcohol	8.37	79	191806	38.158	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	247100	31.872	ng		91
17) 2-Methylphenol	8.56	107	162487	44.214	ng		96
18) Hexachloroethane	9.22	117	70163	40.350	ng		93
19) n-Nitroso-di-n-propylamine	8.94	70	161446	37.126	ng		90
20) 3+4-Methylphenols	8.89	107	228416	44.617	ng		98
22) Acetophenone	8.96	105	284467	42.154	ng	#	93
24) Nitrobenzene	9.35	77	239691	42.774	ng		91
25) Isophorone	9.86	82	453284	38.746	ng		99
26) 2-Nitrophenol	10.06	139	108929	54.230	ng		98
27) 2,4-Dimethylphenol	10.10	122	165419	43.892	ng		98
28) bis(2-Chloroethoxy)methane	10.35	93	240816	41.028	ng		99
29) 2,4-Dichlorophenol	10.59	162	209316	48.853	ng		93
30) 1,2,4-Trichlorobenzene	10.81	180	229939	48.394	ng		99
31) Naphthalene	11.00	128	559757	43.417	ng		99
32) Benzoic acid	10.25	122	130836	50.711	ng		96
33) 4-Chloroaniline	11.11	127	239839	41.957	ng		93
34) Hexachlorobutadiene	11.27	225	173809	49.549	ng		97
35) Caprolactam	11.91	113	69061	40.826	ng	#	85
36) 4-Chloro-3-methylphenol	12.21	107	246295	45.567	ng		99
37) 2-Methylnaphthalene	12.60	142	427904	44.390	ng		98
38) 1-Methylnaphthalene	12.81	142	413096	43.843	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	319666	47.501	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	131977	33.235	ng		96
43) 2,4,6-Trichlorophenol	13.20	196	197805	48.639	ng		97
44) 2,4,5-Trichlorophenol	13.27	196	214125	48.334	ng		97
46) 1,1'-Biphenyl	13.60	154	591421	42.167	ng		95
47) 2-Chloronaphthalene	13.64	162	476173	43.381	ng		97
48) 2-Nitroaniline	13.85	65	173611	44.434	ng		92
49) Acenaphthylene	14.49	152	762006	40.918	ng		98
50) Dimethylphthalate	14.21	163	639530	42.312	ng		99
51) 2,6-Dinitrotoluene	14.34	165	145203	49.223	ng		86
52) Acenaphthene	14.82	154	444153	40.954	ng		95
53) 3-Nitroaniline	14.67	138	133312	44.106	ng	#	90
54) 2,4-Dinitrophenol	14.87	184	52797	35.967	ng		91
55) Dibenzofuran	15.16	168	765032	43.067	ng		99
56) 4-Nitrophenol	14.96	139	104403	39.836	ng	#	85
57) 2,4-Dinitrotoluene	15.12	165	202730	50.576	ng	#	85
58) Fluorene	15.80	166	595628	41.485	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	204741	45.916	ng		94
60) Diethylphthalate	15.56	149	644309	40.403	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	380665	45.586	ng		94
62) 4-Nitroaniline	15.83	138	140076	41.430	ng		93
63) Azobenzene	16.09	77	603752	36.762	ng		95
65) 4,6-Dinitro-2-methylphenol	15.87	198	99805	46.753	ng		87
66) n-Nitrosodiphenylamine	16.01	169	534011	41.700	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	257353	47.458	ng		92
68) Hexachlorobenzene	16.80	284	262010	46.727	ng		95
69) Atrazine	16.94	200	175314	34.553	ng		98
70) Pentachlorophenol	17.14	266	147370	44.914	ng		98
71) Phenanthrene	17.55	178	983292	41.941	ng		99
72) Anthracene	17.64	178	970733	41.193	ng		98
73) Carbazole	17.91	167	846705	39.436	ng		99
74) Di-n-butylphthalate	18.44	149	1020224	39.369	ng		99
75) Fluoranthene	19.55	202	1211921	41.482	ng		99
77) Benzidine	19.73	184	395586	34.059	ng		99
78) Pyrene	19.91	202	1216517	45.757	ng		98
80) Butylbenzylphthalate	20.78	149	461505	44.538	ng		93
81) Benzo(a)anthracene	21.77	228	1244393	46.417	ng		100
82) 3,3'-Dichlorobenzidine	21.68	252	435431	45.569	ng		98
83) Chrysene	21.83	228	1180788	46.312	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	643667	43.032	ng		95
85) Di-n-octyl phthalate	22.88	149	1095869	43.502	ng		96
86) Indeno(1,2,3-cd)pyrene	28.97	276	1459623	47.350	ng	#	91
88) Benzo(b)fluoranthene	24.06	252	1234488m	43.184	ng		
89) Benzo(k)fluoranthene	24.13	252	1131884	42.397	ng		97
90) Benzo(a)pyrene	24.98	252	1160314	42.879	ng	#	99
91) Dibenzo(a,h)anthracene	29.05	278	1166074	42.583	ng		98
92) Benzo(g,h,i)perylene	30.19	276	1181998	43.371	ng		97

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

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