Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\
Data File : BG045855.D
Acq On : 25 Jun 2020 13:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 25 15:46:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	66660	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	254092	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	178708	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	410450	20.00	ng		0.00
76) Chrysene-d12	21.57	240	399223	20.00	ng		0.00
86) Perylene-d12	24.70	264	438161	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	343798	87.12	ng		0.00
7) Phenol-d6	7.13	99	520685	86.75	ng		0.00
23) Nitrobenzene-d5	9.08	82	486621	87.49	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	223320	82.77	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1019873	83.87	ng		0.00
79) Terphenyl-d14	19.93	244	1650726	83.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	76431	42.289	ng		97
3) Pyridine	3.77	79	228439	42.653	ng		98
4) n-Nitrosodimethylamine	3.69	42	83136	46.244	ng	#	99
6) Aniline	7.25	93	304098	43.027	ng		99
8) 2-Chlorophenol	7.50	128	182115	43.115	ng		94
9) Benzaldehyde	7.05	77	147112	40.805	ng		96
10) Phenol	7.16	94	249454	42.891	ng		96
11) bis(2-Chloroethyl)ether	7.34	93	189743	42.952	ng		94
12) 1,3-Dichlorobenzene	7.80	146	216261	42.963	ng		98
13) 1,4-Dichlorobenzene	7.95	146	215890	42.939	ng		94
14) 1,2-Dichlorobenzene	8.27	146	207498	43.108	ng		97
15) Benzyl Alcohol	8.17	79	202709	43.640	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	177650	42.669	ng		82
17) 2-Methylphenol	8.40	107	184119	42.539	ng		96
18) Hexachloroethane	9.00	117	82987	43.458	ng		98
19) n-Nitroso-di-n-propylamine	8.73	70	167171	42.362	ng		99
20) 3+4-Methylphenols	8.73	107	246012	43.218	ng	#	83
22) Acetophenone	8.74	105	296787	42.556	ng	#	95
24) Nitrobenzene	9.12	77	258900	43.656	ng		99
25) Isophorone	9.64	82	454498	42.210	ng		99
26) 2-Nitrophenol	9.84	139	110531	44.737	ng		96
27) 2,4-Dimethylphenol	9.92	122	164535	43.618	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	238248	42.359	ng		99
29) 2,4-Dichlorophenol	10.40	162	188511	42.834	ng		98
30) 1,2,4-Trichlorobenzene	10.58	180	224869	43.160	ng		96
31) Naphthalene	10.77	128	590007	42.472	ng		99
32) Benzoic acid	10.14	122	108061	44.888	ng		91
33) 4-Chloroaniline	10.89	127	247860	42.607	ng		99
34) Hexachlorobutadiene	11.06	225	162791	43.934	ng		97
35) Caprolactam	11.68	113	62086	43.595	ng		99
36) 4-Chloro-3-methylphenol	12.06	107	213459	42.008	ng		99
37) 2-Methylnaphthalene	12.38	142	435128	42.065	ng		99
38) 1-Methylnaphthalene	12.60	142	412335	42.122	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	250917	42.641	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	120378	41.557 ng		99
43) 2,4,6-Trichlorophenol	13.01	196	168297	42.183 ng		96
44) 2,4,5-Trichlorophenol	13.10	196	187370	41.207 ng		98
46) 1,1'-Biphenyl	13.40	154	540481	42.243 ng		98
47) 2-Chloronaphthalene	13.44	162	435325	42.121 ng		97
48) 2-Nitroaniline	13.65	65	148204	43.110 ng		96
49) Acenaphthylene	14.29	152	693150	41.871 ng		99
50) Dimethylphthalate	14.03	163	586854	41.918 ng		99
51) 2,6-Dinitrotoluene	14.14	165	133037	42.309 ng		93
52) Acenaphthene	14.63	154	422478	42.103 ng		97
53) 3-Nitroaniline	14.48	138	137160	43.671 ng		95
54) 2,4-Dinitrophenol	14.69	184	71660	45.767 ng	#	93
55) Dibenzofuran	14.97	168	682868	41.891 ng		97
56) 4-Nitrophenol	14.85	139	84741	39.761 ng		97
57) 2,4-Dinitrotoluene	14.94	165	193703	42.995 ng		99
58) Fluorene	15.62	166	566483	41.792 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	161413	40.900 ng		98
60) Diethylphthalate	15.39	149	605505	42.308 ng		96
61) 4-Chlorophenyl-phenylether	15.61	204	334215	42.780 ng		97
62) 4-Nitroaniline	15.65	138	140894	43.710 ng		96
63) Azobenzene	15.90	77	585721	42.623 ng		97
65) 4,6-Dinitro-2-methylphenol	15.71	198	118706	46.798 ng		97
66) n-Nitrosodiphenylamine	15.83	169	490546	42.195 ng		99
67) 4-Bromophenyl-phenylether	16.50	248	227439	42.645 ng		97
68) Hexachlorobenzene	16.63	284	240943	43.568 ng		95
69) Atrazine	16.78	200	184038	40.796 ng		100
70) Pentachlorophenol	16.99	266	92962	38.465 ng		95
71) Phenanthrene	17.36	178	900257	42.528 ng		99
72) Anthracene	17.45	178	902837	42.830 ng		98
73) Carbazole	17.73	167	868761	43.283 ng		99
74) Di-n-butylphthalate	18.28	149	1032646	43.452 ng		99
75) Fluoranthene	19.37	202	1130289	43.422 ng		99
77) Benzidine	19.55	184	372270	35.869 ng		98
78) Pyrene	19.74	202	1130155	42.275 ng		98
80) Butylbenzylphthalate	20.62	149	482939	43.159 ng		95
81) Benzo(a)anthracene	21.56	228	1096333	42.357 ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	417008	42.593 ng		98
83) Chrysene	21.62	228	1052275	42.033 ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	678551	43.595 ng		97
85) Di-n-octyl phthalate	22.64	149	1161066	43.246 ng		99
87) Indeno(1,2,3-cd)pyrene	28.26	276	1377477	43.365 ng	#	95
88) Benzo(b)fluoranthene	23.72	252	1183843	43.092 ng		98
89) Benzo(k)fluoranthene	23.78	252	1116910	42.479 ng		97
90) Benzo(a)pyrene	24.56	252	1101883	42.937 ng		98
91) Dibenzo(a,h)anthracene	28.32	278	1119845	43.963 ng		98
92) Benzo(g,h,i)perylene	29.37	276	1105906	43.376 ng		99

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

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