Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
Data File : BG045422.D
Acq On : 19 May 2020 11:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 19 12:12:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 12:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	81798	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	335781	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	240203	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	584171	20.00	ng		0.00
76) Chrysene-d12	21.62	240	551662	20.00	ng		0.00
87) Perylene-d12	24.77	264	598081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	338711	80.92	ng		0.00
7) Phenol-d6	7.20	99	502756	84.39	ng		0.00
23) Nitrobenzene-d5	9.13	82	486810	79.06	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	240730	78.36	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1117691	78.93	ng		0.00
79) Terphenyl-d14	19.97	244	1877015	79.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	80500	38.785	ng		98
3) Pyridine	3.81	79	228785	39.578	ng		96
4) n-Nitrosodimethylamine	3.73	42	71452	37.774	ng	#	98
6) Aniline	7.30	93	313687	40.337	ng		97
8) 2-Chlorophenol	7.56	128	187112	40.765	ng		97
9) Benzaldehyde	7.10	77	157399	40.553	ng		94
10) Phenol	7.23	94	257521	41.943	ng		95
11) bis(2-Chloroethyl)ether	7.39	93	192877	40.275	ng		97
12) 1,3-Dichlorobenzene	7.86	146	222977	40.425	ng		97
13) 1,4-Dichlorobenzene	8.00	146	221055	40.610	ng		94
14) 1,2-Dichlorobenzene	8.33	146	211329	40.365	ng		99
15) Benzyl Alcohol	8.23	79	203323	41.315	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	192906	42.435	ng		97
17) 2-Methylphenol	8.46	107	189873	41.316	ng		94
18) Hexachloroethane	9.05	117	85421	40.973	ng		93
19) n-Nitroso-di-n-propylamine	8.78	70	176874	42.935	ng		97
20) 3+4-Methylphenols	8.80	107	262046	41.874	ng	#	58
22) Acetophenone	8.79	105	320492	40.271	ng	#	94
24) Nitrobenzene	9.17	77	255737	38.765	ng		99
25) Isophorone	9.69	82	497317	41.011	ng		99
26) 2-Nitrophenol	9.89	139	114194	40.463	ng		90
27) 2,4-Dimethylphenol	9.98	122	173344	41.413	ng		98
28) bis(2-Chloroethoxy)methane	10.18	93	259328	40.777	ng		96
29) 2,4-Dichlorophenol	10.46	162	199690	40.400	ng		96
30) 1,2,4-Trichlorobenzene	10.64	180	232133	39.744	ng		99
31) Naphthalene	10.83	128	626875	40.063	ng		99
32) Benzoic acid	10.17	122	141501	49.349	ng		93
33) 4-Chloroaniline	10.95	127	274148	41.915	ng		98
34) Hexachlorobutadiene	11.12	225	160950	38.984	ng		95
35) Caprolactam	11.71	113	76959	42.419	ng		89
36) 4-Chloro-3-methylphenol	12.11	107	232396	41.725	ng		96
37) 2-Methylnaphthalene	12.44	142	479102	41.081	ng		98
38) 1-Methylnaphthalene	12.65	142	451767	41.008	ng		90
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	260621	38.845	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	148167	38.262 ng		99
43) 2,4,6-Trichlorophenol	13.07	196	183870	39.452 ng		99
44) 2,4,5-Trichlorophenol	13.16	196	209790	39.390 ng		96
46) 1,1'-Biphenyl	13.44	154	592502	40.144 ng		98
47) 2-Chloronaphthalene	13.49	162	485676	40.523 ng		98
48) 2-Nitroaniline	13.70	65	160064	40.600 ng		91
49) Acenaphthylene	14.33	152	778551	40.442 ng		99
50) Dimethylphthalate	14.07	163	664823	40.347 ng		100
51) 2,6-Dinitrotoluene	14.19	165	149037	40.083 ng		91
52) Acenaphthene	14.68	154	467320	36.265 ng		99
53) 3-Nitroaniline	14.53	138	159309	42.148 ng		91
54) 2,4-Dinitrophenol	14.73	184	74257	33.866 ng		96
55) Dibenzofuran	15.01	168	767125	40.087 ng		98
56) 4-Nitrophenol	14.90	139	115574	40.388 ng		96
57) 2,4-Dinitrotoluene	14.97	165	224031	41.603 ng		92
58) Fluorene	15.66	166	637176	40.529 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	183535	39.170 ng		98
60) Diethylphthalate	15.43	149	683585	39.858 ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	363223	40.374 ng		98
62) 4-Nitroaniline	15.70	138	167519	42.454 ng		91
63) Azobenzene	15.94	77	639233	39.972 ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	125645	36.931 ng		97
66) n-Nitrosodiphenylamine	15.87	169	562676	40.117 ng		98
67) 4-Bromophenyl-phenylether	16.55	248	251291	39.726 ng		98
68) Hexachlorobenzene	16.67	284	264439	39.969 ng		100
69) Atrazine	16.82	200	227891	39.447 ng		100
70) Pentachlorophenol	17.03	266	163493	47.592 ng		99
71) Phenanthrene	17.40	178	1023452	40.132 ng		99
72) Anthracene	17.50	178	1037583	40.514 ng		98
73) Carbazole	17.77	167	1014199	40.627 ng		98
74) Di-n-butylphthalate	18.32	149	1200388	40.062 ng		98
75) Fluoranthene	19.41	202	1272845	39.240 ng		99
77) Benzidine	19.59	184	609536	39.341 ng		98
78) Pyrene	19.77	202	1287299	40.935 ng		99
80) Butylbenzylphthalate	20.66	149	554261	40.834 ng		100
81) Benzo(a)anthracene	21.60	228	1218335	39.645 ng		98
82) 3,3'-Dichlorobenzidine	21.52	252	468518	38.866 ng		98
83) Chrysene	21.67	228	1172275	39.672 ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	750056	40.199 ng		98
85) Di-n-octyl phthalate	22.71	149	1263287	39.420 ng		100
86) Indeno(1,2,3-cd)pyrene	28.36	276	1478599	38.265 ng	#	97
88) Benzo(b)fluoranthene	23.77	252	1282227	39.975 ng		98
89) Benzo(k)fluoranthene	23.85	252	1233527	40.934 ng		99
90) Benzo(a)pyrene	24.63	252	1190692	39.858 ng	#	98
91) Dibenzo(a,h)anthracene	28.42	278	1182205	39.381 ng		99
92) Benzo(g,h,i)perylene	29.48	276	1180967	39.335 ng		97

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

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