Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
Data File : BG046446.D
Acq On : 25 Aug 2020 13:26
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Aug 25 15:39:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 15:31:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	68974	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	278169	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	195442	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	485165	20.00	ng		0.00
76) Chrysene-d12	21.56	240	529288	20.00	ng		0.00
86) Perylene-d12	24.66	264	515145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	86599	21.83	ng		0.00
7) Phenol-d6	7.10	99	124306	22.99	ng		0.00
23) Nitrobenzene-d5	9.08	82	104835	20.41	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	56743	18.90	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	297203	22.09	ng		0.00
79) Terphenyl-d14	19.92	244	607171	23.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	19268	10.669	ng		91
3) Pyridine	3.82	79	50210	10.099	ng		97
4) n-Nitrosodimethylamine	3.74	42	18162	8.583	ng	#	91
6) Aniline	7.25	93	68284	10.608	ng		95
8) 2-Chlorophenol	7.50	128	46707	10.650	ng		94
9) Benzaldehyde	7.07	77	37204	11.594	ng		94
10) Phenol	7.13	94	56868	10.467	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	45226	10.465	ng		97
12) 1,3-Dichlorobenzene	7.82	146	58867	11.074	ng		97
13) 1,4-Dichlorobenzene	7.97	146	59624	11.170	ng		99
14) 1,2-Dichlorobenzene	8.29	146	57401	11.403	ng		96
15) Benzyl Alcohol	8.17	79	38041	10.183	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.46	45	70288	9.920	ng		98
17) 2-Methylphenol	8.38	107	39656	10.811	ng		99
18) Hexachloroethane	9.02	117	19848	11.118	ng		95
19) n-Nitroso-di-n-propylamine	8.74	70	35787	10.169	ng		98
20) 3+4-Methylphenols	8.71	107	53897	10.735	ng		99
22) Acetophenone	8.75	105	73937	10.357	ng	#	98
24) Nitrobenzene	9.13	77	51850	9.466	ng		99
25) Isophorone	9.65	82	95767	9.368	ng		99
26) 2-Nitrophenol	9.84	139	26523	10.684	ng		96
27) 2,4-Dimethylphenol	9.90	122	37186	9.207	ng		99
28) bis(2-Chloroethoxy)methane	10.13	93	61765	11.111	ng		97
29) 2,4-Dichlorophenol	10.39	162	48209	10.147	ng		99
30) 1,2,4-Trichlorobenzene	10.60	180	60478	10.866	ng		97
31) Naphthalene	10.78	128	150683	10.238	ng		99
32) Benzoic acid	10.00	122	11029	4.450	ng	#	80
33) 4-Chloroaniline	10.89	127	62919	10.461	ng		96
34) Hexachlorobutadiene	11.07	225	38654	10.432	ng		96
35) Caprolactam	11.63	113	17983	11.564	ng		96
36) 4-Chloro-3-methylphenol	12.01	107	47595	10.208	ng		93
37) 2-Methylnaphthalene	12.39	142	118027	10.422	ng		96
38) 1-Methylnaphthalene	12.61	142	110808	10.339	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	70205	9.970	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	26103	6.463	ng		94
43) 2,4,6-Trichlorophenol	13.00	196	44709	9.952	ng		96
44) 2,4,5-Trichlorophenol	13.07	196	48801	9.955	ng		99
46) 1,1'-Biphenyl	13.39	154	151355	9.872	ng		97
47) 2-Chloronaphthalene	13.44	162	128722	10.525	ng		97
48) 2-Nitroaniline	13.64	65	33813	10.548	ng		91
49) Acenaphthylene	14.28	152	196447	10.345	ng		98
50) Dimethylphthalate	14.01	163	169782	11.318	ng		99
51) 2,6-Dinitrotoluene	14.13	165	36509	10.458	ng		93
52) Acenaphthene	14.63	154	119244	9.514	ng		99
53) 3-Nitroaniline	14.46	138	38029	10.988	ng		95
54) 2,4-Dinitrophenol	14.68	184	14706	8.033	ng		95
55) Dibenzofuran	14.96	168	196124	10.370	ng		97
56) 4-Nitrophenol	14.78	139	26072	8.677	ng		93
57) 2,4-Dinitrotoluene	14.92	165	50397	10.499	ng	#	96
58) Fluorene	15.61	166	164689	10.753	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	47727	10.337	ng	#	97
60) Diethylphthalate	15.38	149	163037	11.049	ng		99
61) 4-Chlorophenyl-phenylether	15.60	204	89657	11.208	ng		98
62) 4-Nitroaniline	15.62	138	40146	11.533	ng		97
63) Azobenzene	15.89	77	131816	9.532	ng		99
65) 4,6-Dinitro-2-methylphenol	15.69	198	25841	8.054	ng		98
66) n-Nitrosodiphenylamine	15.82	169	144761	9.857	ng		96
67) 4-Bromophenyl-phenylether	16.50	248	60792	10.142	ng		99
68) Hexachlorobenzene	16.62	284	69133	10.286	ng		95
69) Atrazine	16.76	200	59686	10.554	ng		97
70) Pentachlorophenol	16.96	266	29969	6.872	ng		96
71) Phenanthrene	17.35	178	282517	10.630	ng		97
72) Anthracene	17.44	178	277297	10.490	ng		99
73) Carbazole	17.71	167	260955	10.237	ng		97
74) Di-n-butylphthalate	18.27	149	301095	11.300	ng		99
75) Fluoranthene	19.36	202	377112	11.366	ng		96
77) Benzidine	19.53	184	113179	7.549	ng		98
78) Pyrene	19.72	202	386840	10.878	ng		94
80) Butylbenzylphthalate	20.61	149	139385	10.820	ng		98
81) Benzo(a)anthracene	21.54	228	374803	10.582	ng		95
82) 3,3'-Dichlorobenzidine	21.46	252	129840	8.827	ng		98
83) Chrysene	21.60	228	359138	10.350	ng		96
84) Bis(2-ethylhexyl)phthalate	21.46	149	196158	10.650	ng		96
85) Di-n-octyl phthalate	22.63	149	331914	10.644	ng		100
87) Indeno(1,2,3-cd)pyrene	28.17	276	399270	10.163	ng		100
88) Benzo(b)fluoranthene	23.68	252	361112	10.461	ng		99
89) Benzo(k)fluoranthene	23.74	252	344104	10.163	ng		98
90) Benzo(a)pyrene	24.51	252	328567	10.229	ng		98
91) Dibenzo(a,h)anthracene	28.22	278	329450	10.031	ng		98
92) Benzo(g,h,i)perylene	29.26	276	321019	9.678	ng		98

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

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