Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
Data File : BG041628.D
Acq On : 11 Jul 2019 20:47
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Jul 12 04:35:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	75966	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	331770	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	204670	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	480129	20.00	ng		0.00
76) Chrysene-d12	21.67	240	447512	20.00	ng		0.00
87) Perylene-d12	24.87	264	517588	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	549785	132.98	ng		0.00
7) Phenol-d6	7.21	99	728599	121.58	ng		0.00
23) Nitrobenzene-d5	9.22	82	641244	81.29	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	276327	87.94	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1562386	103.75	ng		0.00
79) Terphenyl-d14	20.02	244	2053043	90.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	122317	59.000	ng	#	81
3) Pyridine	3.90	79	310420	56.442	ng	#	86
4) n-Nitrosodimethylamine	3.82	42	161014	54.898	ng	#	75
6) Aniline	7.38	93	496386	59.590	ng		99
8) 2-Chlorophenol	7.62	128	301194	62.000	ng		98
9) Benzaldehyde	7.19	77	179965	46.951	ng		96
10) Phenol	7.23	94	381025	59.125	ng		83
11) bis(2-Chloroethyl)ether	7.47	93	311204	63.644	ng		95
12) 1,3-Dichlorobenzene	7.95	146	371883	61.139	ng	#	88
13) 1,4-Dichlorobenzene	8.09	146	371578	59.803	ng		94
14) 1,2-Dichlorobenzene	8.41	146	348420	58.710	ng		96
15) Benzyl Alcohol	8.29	79	292594	50.958	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.59	45	666155	83.222	ng		89
17) 2-Methylphenol	8.49	107	268130	58.197	ng	#	89
18) Hexachloroethane	9.15	117	138219	56.137	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	267461	55.181	ng		93
20) 3+4-Methylphenols	8.82	107	373637	60.919	ng		88
22) Acetophenone	8.88	105	476553	49.360	ng	#	97
24) Nitrobenzene	9.26	77	335550	42.293	ng	#	87
25) Isophorone	9.79	82	693233	47.899	ng	#	93
26) 2-Nitrophenol	9.97	139	149339	46.428	ng	#	78
27) 2,4-Dimethylphenol	10.02	122	274281	56.887	ng		83
28) bis(2-Chloroethoxy)methane	10.27	93	429186	56.913	ng		99
29) 2,4-Dichlorophenol	10.50	162	320690	53.643	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	371705	48.548	ng		95
31) Naphthalene	10.91	128	948925	52.627	ng		99
32) Benzoic acid	10.17	122	200040	63.734	ng	#	84
33) 4-Chloroaniline	11.01	127	451230	58.924	ng	#	90
34) Hexachlorobutadiene	11.21	225	242177	39.848	ng		98
35) Caprolactam	11.78	113	117590	57.135	ng	#	90
36) 4-Chloro-3-methylphenol	12.12	107	330006	47.790	ng	#	84
37) 2-Methylnaphthalene	12.51	142	721987	54.365	ng	#	94
38) 1-Methylnaphthalene	12.73	142	685154	53.923	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	416483	49.280	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	252828	44.412 ng		98
43) 2,4,6-Trichlorophenol	13.11	196	270008	51.645 ng		97
44) 2,4,5-Trichlorophenol	13.18	196	272290	50.617 ng		98
46) 1,1'-Biphenyl	13.52	154	900980	58.229 ng		95
47) 2-Chloronaphthalene	13.56	162	754179	56.614 ng		97
48) 2-Nitroaniline	13.75	65	214199	43.904 ng	#	77
49) Acenaphthylene	14.40	152	1144397	56.613 ng		96
50) Dimethylphthalate	14.13	163	957634	52.586 ng		97
51) 2,6-Dinitrotoluene	14.24	165	195731	50.974 ng	#	79
52) Acenaphthene	14.74	154	740118	62.351 ng		94
53) 3-Nitroaniline	14.57	138	217837	57.581 ng	#	87
54) 2,4-Dinitrophenol	14.77	184	88469	35.969 ng	#	80
55) Dibenzofuran	15.07	168	1100554	53.326 ng		95
56) 4-Nitrophenol	14.86	139	173628	66.059 ng	#	69
57) 2,4-Dinitrotoluene	15.02	165	261035	46.505 ng		85
58) Fluorene	15.72	166	884260	54.466 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	259673	46.679 ng		96
60) Diethylphthalate	15.49	149	957636	51.737 ng		95
61) 4-Chlorophenyl-phenylether	15.71	204	509269	48.212 ng		98
62) 4-Nitroaniline	15.73	138	227321	56.182 ng	#	68
63) Azobenzene	16.01	77	839696	50.851 ng		94
65) 4,6-Dinitro-2-methylphenol	15.79	198	124850	40.062 ng		98
66) n-Nitrosodiphenylamine	15.92	169	815373	63.958 ng		99
67) 4-Bromophenyl-phenylether	16.61	248	335867	54.100 ng		95
68) Hexachlorobenzene	16.73	284	342667	51.545 ng	#	95
69) Atrazine	16.87	200	179992	43.288 ng		98
70) Pentachlorophenol	17.06	266	204189	59.982 ng		97
71) Phenanthrene	17.45	178	1410389	55.078 ng		95
72) Anthracene	17.55	178	1411617	55.917 ng		95
73) Carbazole	17.81	167	1295339	58.655 ng		95
74) Di-n-butylphthalate	18.38	149	1570825	57.006 ng	#	96
75) Fluoranthene	19.46	202	1662852	48.880 ng		88
77) Benzidine	19.63	184	733968	67.808 ng		96
78) Pyrene	19.82	202	1681223	55.706 ng	#	91
80) Butylbenzylphthalate	20.71	149	754360	66.081 ng		96
81) Benzo(a)anthracene	21.65	228	1679286	55.421 ng		94
82) 3,3'-Dichlorobenzidine	21.56	252	703571	66.146 ng	#	96
83) Chrysene	21.71	228	1598543	54.858 ng		93
84) Bis(2-ethylhexyl)phthalate	21.58	149	1050610	67.532 ng		96
85) Di-n-octyl phthalate	22.80	149	1819209	69.117 ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.54	276	2133714	61.718 ng	#	94
88) Benzo(b)fluoranthene	23.86	252	1834010	57.176 ng	#	92
89) Benzo(k)fluoranthene	23.93	252	1769704	55.692 ng	#	94
90) Benzo(a)pyrene	24.73	252	1764542	58.248 ng	#	94
91) Dibenzo(a,h)anthracene	28.61	278	1707419	55.984 ng	#	92
92) Benzo(g,h,i)perylene	29.68	276	1705688	56.592 ng	#	89

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

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