Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034950.D
Acq On : 7 Jun 2018 12:34
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
6/8/2018 4:44:45 PM

Quant Time: Jun 07 13:08:49 2018
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 11:19:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	37588	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	148344	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	102583	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	249958	20.00	ng		0.00
75) Chrysene-d12	21.73	240	246132	20.00	ng		0.00
86) Perylene-d12	24.98	264	251122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	345046	141.39	ng		0.00
7) Phenol-d6	7.24	99	504615	127.82	ng		0.00
23) Nitrobenzene-d5	9.25	82	539033	138.81	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	211470	119.69	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1169472	154.77	ng		0.00
78) Terphenyl-d14	20.06	244	1751510	156.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	81928	81.734	ng	#	74
3) Pyridine	3.96	79	224466	69.435	ng	#	78
4) n-Nitrosodimethylamine	3.87	42	102071	53.983	ng	#	89
6) Aniline	7.41	93	326129	63.283	ng		99
8) 2-Chlorophenol	7.65	128	172289	66.758	ng		98
9) Benzaldehyde	7.22	77	183941	67.433	ng		97
10) Phenol	7.26	94	257024	65.282	ng		93
11) bis(2-Chloroethyl)ether	7.51	93	199056	66.924	ng		94
12) 1,3-Dichlorobenzene	7.98	146	210533	69.320	ng	#	91
13) 1,4-Dichlorobenzene	8.12	146	217943	70.475	ng		97
14) 1,2-Dichlorobenzene	8.44	146	203935	67.186	ng		95
15) Benzyl Alcohol	8.32	79	241327	59.736	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.61	45	200223m	59.312	ng		
17) 2-Methylphenol	8.52	107	178450	67.470	ng	#	90
18) Hexachloroethane	9.17	117	80937	62.210	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	209923	64.923	ng		89
20) 3+4-Methylphenols	8.85	107	251711	68.260	ng		89
22) Acetophenone	8.91	105	356277	75.177	ng	#	95
24) Nitrobenzene	9.29	77	268709	66.669	ng		94
25) Isophorone	9.82	82	514806	68.392	ng		99
26) 2-Nitrophenol	10.00	139	98063	68.133	ng	#	87
27) 2,4-Dimethylphenol	10.05	122	178735	71.023	ng		93
28) bis(2-Chloroethoxy)methane	10.30	93	278941	73.627	ng		96
29) 2,4-Dichlorophenol	10.53	162	201393	76.741	ng		94
30) 1,2,4-Trichlorobenzene	10.75	180	237053	75.969	ng		99
31) Naphthalene	10.94	128	598657	77.618	ng		98
32) Benzoic acid	10.23	122	140713	78.956	ng		92
33) 4-Chloroaniline	11.04	127	261079	77.617	ng	#	92
34) Hexachlorobutadiene	11.23	225	184636	74.479	ng		97
35) Caprolactam	11.84	113	71072	71.238	ng	#	79
36) 4-Chloro-3-methylphenol	12.16	107	249634	70.596	ng		93
37) 2-Methylnaphthalene	12.55	142	449636	72.186	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	298784	77.501	ng		98
40) Hexachlorocyclopentadiene	12.89	237	195843	64.873	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	181711	75.762	ng		96
43) 2,4,5-Trichlorophenol	13.21	196	195000	74.098	ng		96
45) 1,1'-Biphenyl	13.55	154	627293	77.642	ng		98
46) 2-Chloronaphthalene	13.59	162	474077	74.544	ng		99
47) 2-Nitroaniline	13.79	65	160274	61.687	ng		98
48) Acenaphthylene	14.43	152	785139	80.671	ng		98
49) Dimethylphthalate	14.17	163	660098	74.549	ng		99
50) 2,6-Dinitrotoluene	14.28	165	136004	74.901	ng		94
51) Acenaphthene	14.77	154	527098	83.540	ng		99
52) 3-Nitroaniline	14.61	138	133713	79.674	ng	#	90
53) 2,4-Dinitrophenol	14.81	184	60867	50.951	ng	#	62
54) Dibenzofuran	15.11	168	759161	73.350	ng		92
55) 4-Nitrophenol	14.90	139	108657	73.676	ng	#	76
56) 2,4-Dinitrotoluene	15.07	165	184743	68.540	ng		93
57) Fluorene	15.75	166	629181	77.891	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	194635	67.797	ng		97
59) Diethylphthalate	15.53	149	668798	72.628	ng		98
60) 4-Chlorophenyl-phenylether	15.75	204	371109	77.365	ng		97
61) 4-Nitroaniline	15.78	138	139752	73.455	ng	#	78
62) Azobenzene	16.04	77	655815	67.087	ng		96
64) 4,6-Dinitro-2-methylphenol	15.82	198	104271	65.053	ng		91
65) n-Nitrosodiphenylamine	15.96	169	579494	79.280	ng		98
66) 4-Bromophenyl-phenylether	16.65	248	238420	72.478	ng		94
67) Hexachlorobenzene	16.76	284	236898	65.171	ng		96
68) Atrazine	16.91	200	246534	76.105	ng		94
69) Pentachlorophenol	17.09	266	179459	81.864	ng		97
70) Phenanthrene	17.50	178	965836	70.944	ng		96
71) Anthracene	17.59	178	968123	70.179	ng		97
72) Carbazole	17.85	167	884426	77.469	ng		98
73) Di-n-butylphthalate	18.43	149	1054111	74.576	ng	#	98
74) Fluoranthene	19.50	202	1232731	73.676	ng		97
76) Benzidine	19.68	184	688662	110.590	ng	#	95
77) Pyrene	19.86	202	1228621	79.746	ng		96
79) Butylbenzylphthalate	20.76	149	482191	81.172	ng		94
80) Benzo(a)anthracene	21.71	228	1224279	76.549	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	471625	75.816	ng		97
82) Chrysene	21.78	228	1127393	76.860	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	668478	82.858	ng		99
84) Di-n-octyl phthalate	22.88	149	1168621	86.534	ng		95
85) Indeno(1,2,3-cd)pyrene	28.71	276	1391402	74.137	ng	#	89
87) Benzo(b)fluoranthene	23.95	252	1244899	78.343	ng	#	97
88) Benzo(k)fluoranthene	24.02	252	1167637	77.353	ng	#	96
89) Benzo(a)pyrene	24.83	252	1158476	76.810	ng	#	96
90) Dibenzo(a,h)anthracene	28.79	278	1126579	75.322	ng	#	96
91) Benzo(g,h,i)perylene	29.86	276	1136672	75.601	ng	#	94

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

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