Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090717\
Data File : BG028596.D
Acq On : 7 Sep 2017 16:35
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Sep 07 17:12:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 16:57:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40628	20.00	ng		0.00
21) Naphthalene-d8	11.16	136	167284	20.00	ng		0.00
38) Acenaphthene-d10	14.95	164	110416	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	266104	20.00	ng		0.00
75) Chrysene-d12	22.03	240	313312	20.00	ng		0.00
86) Perylene-d12	25.54	264	302381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	240850	106.04	ng		0.00
7) Phenol-d6	7.50	99	350703	107.17	ng		0.00
23) Nitrobenzene-d5	9.51	82	369296	123.35	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	172269	105.28	ng		0.00
44) 2-Fluorobiphenyl	13.57	172	859693	102.68	ng		0.00
78) Terphenyl-d14	20.28	244	1494538	107.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	47978	56.732	ng		91
3) Pyridine	4.26	79	150576	62.074	ng		95
4) n-Nitrosodimethylamine	4.16	42	71259	52.290	ng	#	80
6) Aniline	7.67	93	227257	59.652	ng		97
8) 2-Chlorophenol	7.91	128	133548	51.400	ng		93
9) Benzaldehyde	7.48	77	93401	52.134	ng		85
10) Phenol	7.52	94	191075	55.692	ng		94
11) bis(2-Chloroethyl)ether	7.75	93	135464	53.853	ng		98
12) 1,3-Dichlorobenzene	8.23	146	154651	50.829	ng		91
13) 1,4-Dichlorobenzene	8.37	146	156109	49.595	ng		98
14) 1,2-Dichlorobenzene	8.70	146	149285	48.851	ng		96
15) Benzyl Alcohol	8.57	79	141993	71.010	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.86	45	276707	54.537	ng		99
17) 2-Methylphenol	8.77	107	117974	52.271	ng		93
18) Hexachloroethane	9.43	117	60852	59.424	ng		92
19) n-Nitroso-di-n-propylamine	9.14	70	135717	59.402	ng		88
20) 3+4-Methylphenols	9.10	107	169881	53.590	ng		95
22) Acetophenone	9.16	105	234845	58.221	ng	#	91
24) Nitrobenzene	9.56	77	194203	61.673	ng		92
25) Isophorone	10.07	82	338018	59.105	ng		98
26) 2-Nitrophenol	10.27	139	80066	53.014	ng		94
27) 2,4-Dimethylphenol	10.31	122	146300	55.186	ng		99
28) bis(2-Chloroethoxy)methane	10.54	93	199439	59.680	ng		99
29) 2,4-Dichlorophenol	10.81	162	144263	50.263	ng		93
30) 1,2,4-Trichlorobenzene	11.02	180	174055	54.091	ng		99
31) Naphthalene	11.21	128	450313	53.992	ng		99
32) Benzoic acid	10.48	122	92136	71.435	ng		96
33) 4-Chloroaniline	11.32	127	190973	56.027	ng		92
34) Hexachlorobutadiene	11.48	225	127173	56.619	ng		100
35) Caprolactam	12.10	113	52193	59.440	ng	#	86
36) 4-Chloro-3-methylphenol	12.42	107	180603	58.325	ng		98
37) 2-Methylnaphthalene	12.79	142	332801	52.273	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.16	216	220770	50.569	ng	#	96
40) Hexachlorocyclopentadiene	13.13	237	81834	40.165	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	139679	52.767	ng		95
43) 2,4,5-Trichlorophenol	13.47	196	139790	50.152	ng	#	91
45) 1,1'-Biphenyl	13.79	154	470583	49.598	ng		97
46) 2-Chloronaphthalene	13.83	162	358355	51.870	ng		99
47) 2-Nitroaniline	14.04	65	146483	70.964	ng		95
48) Acenaphthylene	14.68	152	545230	49.594	ng		98
49) Dimethylphthalate	14.39	163	452673	49.097	ng		98
50) 2,6-Dinitrotoluene	14.53	165	103404	52.497	ng	#	80
51) Acenaphthene	15.01	154	336052	48.721	ng		94
52) 3-Nitroaniline	14.86	138	101767	54.514	ng		93
53) 2,4-Dinitrophenol	15.07	184	56731	50.763	ng	#	91
54) Dibenzofuran	15.35	168	516388	48.987	ng		96
55) 4-Nitrophenol	15.17	139	73852	52.950	ng	#	79
56) 2,4-Dinitrotoluene	15.31	165	148222	54.430	ng	#	91
57) Fluorene	15.99	166	468174	49.707	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.58	232	126297	51.012	ng		95
59) Diethylphthalate	15.74	149	471692	52.772	ng		97
60) 4-Chlorophenyl-phenylether	15.98	204	269756	51.942	ng		91
61) 4-Nitroaniline	16.02	138	111664	55.953	ng		90
62) Azobenzene	16.27	77	423574	60.450	ng		93
64) 4,6-Dinitro-2-methylphenol	16.08	198	98679	55.631	ng		90
65) n-Nitrosodiphenylamine	16.19	169	409880	52.765	ng		99
66) 4-Bromophenyl-phenylether	16.88	248	177452	53.458	ng		94
67) Hexachlorobenzene	17.01	284	193025	53.362	ng	#	89
68) Atrazine	17.13	200	139025	46.661	ng		97
69) Pentachlorophenol	17.35	266	92992	45.917	ng		97
70) Phenanthrene	17.75	178	729866	52.435	ng		95
71) Anthracene	17.83	178	733011	52.880	ng		97
72) Carbazole	18.10	167	654137	52.425	ng		96
73) Di-n-butylphthalate	18.63	149	797175	58.146	ng	#	94
74) Fluoranthene	19.74	202	914518	54.715	ng		93
76) Benzidine	19.91	184	318364	43.532	ng		98
77) Pyrene	20.11	202	946140	56.500	ng		95
79) Butylbenzylphthalate	20.97	149	364630	60.614	ng		95
80) Benzo(a)anthracene	22.02	228	957988	55.623	ng		95
81) 3,3'-Dichlorobenzidine	21.92	252	373296	55.121	ng		99
82) Chrysene	22.09	228	901293	54.697	ng		95
83) Bis(2-ethylhexyl)phthalate	21.86	149	521076	59.500	ng		100
84) Di-n-octyl phthalate	23.17	149	903540	60.778	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.59	276	1083655	56.875	ng	#	95
87) Benzo(b)fluoranthene	24.42	252	961930	54.440	ng		97
88) Benzo(k)fluoranthene	24.50	252	938432	53.130	ng		95
89) Benzo(a)pyrene	25.38	252	908691	54.525	ng		96
90) Dibenzo(a,h)anthracene	29.64	278	946510	56.249	ng	#	97
91) Benzo(g,h,i)perylene	30.87	276	917095	56.549	ng		99

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

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