Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035594.D
Acq On : 12 Jul 2018 14:42
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG071218

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:29 PM

Quant Time: Jul 12 15:19:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41297	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	172698	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	126208	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	334091	20.00	ng		0.00
75) Chrysene-d12	21.69	240	345112	20.00	ng		0.00
86) Perylene-d12	24.91	264	335710	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	196312	78.92	ng		0.00
7) Phenol-d6	7.22	99	303200	81.70	ng		0.00
23) Nitrobenzene-d5	9.22	82	330375	79.92	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	138763	83.42	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	748878	79.50	ng		0.00
78) Terphenyl-d14	20.03	244	1268758	81.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	46827	36.988	ng	#	73
3) Pyridine	3.95	79	137079	41.476	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	55424	39.055	ng	#	91
6) Aniline	7.39	93	193874	40.304	ng		97
8) 2-Chlorophenol	7.63	128	100660	39.789	ng		95
9) Benzaldehyde	7.20	77	94496	41.498	ng		95
10) Phenol	7.24	94	154358	41.168	ng		91
11) bis(2-Chloroethyl)ether	7.48	93	117995	40.185	ng		94
12) 1,3-Dichlorobenzene	7.95	146	123714	40.495	ng		94
13) 1,4-Dichlorobenzene	8.10	146	123569	39.809	ng		99
14) 1,2-Dichlorobenzene	8.41	146	117189	39.299	ng		96
15) Benzyl Alcohol	8.30	79	140753	41.765	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.58	45	102903	41.801	ng		79
17) 2-Methylphenol	8.50	107	104498	40.992	ng	#	92
18) Hexachloroethane	9.14	117	46873	39.494	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	124970	39.989	ng		88
20) 3+4-Methylphenols	8.82	107	148742	42.059	ng		91
22) Acetophenone	8.88	105	216668	40.345	ng	#	94
24) Nitrobenzene	9.27	77	165355	39.772	ng		90
25) Isophorone	9.78	82	315197	41.072	ng		99
26) 2-Nitrophenol	9.98	139	63138	42.760	ng	#	88
27) 2,4-Dimethylphenol	10.03	122	103845	41.548	ng		88
28) bis(2-Chloroethoxy)methane	10.26	93	173419	41.010	ng		98
29) 2,4-Dichlorophenol	10.51	162	120190	42.126	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	140615	40.192	ng		99
31) Naphthalene	10.91	128	355938	39.566	ng		96
32) Benzoic acid	10.18	122	66078m	39.272	ng		
33) 4-Chloroaniline	11.02	127	158829	40.509	ng	#	89
34) Hexachlorobutadiene	11.20	225	108928	39.928	ng		96
35) Caprolactam	11.79	113	51334	41.927	ng	#	70
36) 4-Chloro-3-methylphenol	12.14	107	157394	41.156	ng		95
37) 2-Methylnaphthalene	12.51	142	276927	41.319	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	191277	40.155	ng		99
40) Hexachlorocyclopentadiene	12.85	237	107443	43.008	ng		82

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	118542	42.553	ng		93
43) 2,4,5-Trichlorophenol	13.19	196	129869	41.673	ng		97
45) 1,1'-Biphenyl	13.51	154	395976	40.468	ng		98
46) 2-Chloronaphthalene	13.56	162	295246	38.792	ng		97
47) 2-Nitroaniline	13.76	65	112829	41.932	ng		98
48) Acenaphthylene	14.41	152	500097	39.225	ng		98
49) Dimethylphthalate	14.14	163	437893	39.601	ng		99
50) 2,6-Dinitrotoluene	14.25	165	93707	41.615	ng		90
51) Acenaphthene	14.75	154	313359	39.456	ng		98
52) 3-Nitroaniline	14.58	138	94896	41.233	ng	#	94
53) 2,4-Dinitrophenol	14.79	184	42241	40.060	ng	#	66
54) Dibenzofuran	15.07	168	496742	39.328	ng		96
55) 4-Nitrophenol	14.89	139	67314	41.070	ng	#	77
56) 2,4-Dinitrotoluene	15.04	165	135496	41.943	ng	#	87
57) Fluorene	15.73	166	413794	39.087	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	123503	41.333	ng		95
59) Diethylphthalate	15.49	149	442431	38.912	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	249162	40.044	ng		95
61) 4-Nitroaniline	15.74	138	96511	40.089	ng	#	73
62) Azobenzene	16.01	77	435095	38.794	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	77131	41.474	ng		86
65) n-Nitrosodiphenylamine	15.93	169	393369	41.366	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	158494	40.891	ng		94
67) Hexachlorobenzene	16.73	284	160624	40.241	ng		95
68) Atrazine	16.87	200	159073	40.628	ng		95
69) Pentachlorophenol	17.07	266	101937	41.928	ng		98
70) Phenanthrene	17.47	178	661143	39.659	ng		97
71) Anthracene	17.55	178	664576	40.036	ng		98
72) Carbazole	17.82	167	622626	39.496	ng		99
73) Di-n-butylphthalate	18.38	149	734259	39.415	ng	#	97
74) Fluoranthene	19.47	202	876712	39.043	ng		97
76) Benzidine	19.65	184	318381	35.091	ng		98
77) Pyrene	19.83	202	885177	40.564	ng		98
79) Butylbenzylphthalate	20.71	149	322346	41.307	ng		96
80) Benzo(a)anthracene	21.67	228	867776	40.350	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	303831	40.517	ng		97
82) Chrysene	21.74	228	805355	40.410	ng		96
83) Bis(2-ethylhexyl)phthalate	21.57	149	433795	40.889	ng		99
84) Di-n-octyl phthalate	22.78	149	736363	41.454	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.59	276	893403	40.490	ng	#	88
87) Benzo(b)fluoranthene	23.89	252	816673	40.024	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	802399	40.224	ng	#	98
89) Benzo(a)pyrene	24.76	252	765247	40.313	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	755624	40.546	ng	#	95
91) Benzo(g,h,i)perylene	29.73	276	742481	40.715	ng	#	93

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

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