Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035588.D
Acq On : 12 Jul 2018 10:43
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:22 PM

Quant Time: Jul 12 12:56:29 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 12:41:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39549	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	159442	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	113076	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	310717	20.00	ng		0.00
75) Chrysene-d12	21.69	240	339154	20.00	ng		0.00
86) Perylene-d12	24.91	264	312219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	45802	19.54	ng		0.00
7) Phenol-d6	7.22	99	71721	20.74	ng		0.00
23) Nitrobenzene-d5	9.22	82	78835	23.50	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	27728	19.16	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	177553	20.41	ng		0.00
78) Terphenyl-d14	20.02	244	327259	20.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	12856	11.498	ng	#	66
3) Pyridine	3.95	79	31005	10.277	ng	#	77
4) n-Nitrosodimethylamine	3.87	42	12650m	9.760	ng		
6) Aniline	7.38	93	45240	10.119	ng		96
8) 2-Chlorophenol	7.62	128	23454	9.548	ng		91
9) Benzaldehyde	7.20	77	25835	9.697	ng		95
10) Phenol	7.25	94	34919	9.755	ng		85
11) bis(2-Chloroethyl)ether	7.48	93	26600	9.574	ng		85
12) 1,3-Dichlorobenzene	7.95	146	27536	9.395	ng	#	92
13) 1,4-Dichlorobenzene	8.09	146	29199	9.651	ng		92
14) 1,2-Dichlorobenzene	8.41	146	28108	9.890	ng		93
15) Benzyl Alcohol	8.30	79	30811	9.401	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	23236	8.403	ng		84
17) 2-Methylphenol	8.49	107	23190	9.826	ng	#	88
18) Hexachloroethane	9.14	117	10808	9.978	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	29042	9.883	ng	#	86
20) 3+4-Methylphenols	8.82	107	31421	9.289	ng	#	80
22) Acetophenone	8.88	105	50259	10.176	ng		94
24) Nitrobenzene	9.26	77	38659	11.255	ng	#	84
25) Isophorone	9.77	82	73136	10.327	ng	#	96
26) 2-Nitrophenol	9.97	139	12717	10.741	ng	#	85
27) 2,4-Dimethylphenol	10.03	122	23264	9.348	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	40739	10.705	ng		96
29) 2,4-Dichlorophenol	10.51	162	25311	9.347	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	31840	9.806	ng		99
31) Naphthalene	10.91	128	84415	10.192	ng	#	94
32) Benzoic acid	10.13	122	11817m	7.089	ng		
33) 4-Chloroaniline	11.02	127	36340	10.104	ng	#	91
34) Hexachlorobutadiene	11.19	225	25299	10.019	ng		92
35) Caprolactam	11.77	113	10723	10.715	ng	#	56
36) 4-Chloro-3-methylphenol	12.14	107	36485	10.809	ng	#	82
37) 2-Methylnaphthalene	12.51	142	63399m	10.096	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	42383	10.063	ng		97
40) Hexachlorocyclopentadiene	12.85	237	18563	7.028	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	23597	9.357	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	27879	10.072	ng	#	92
45) 1,1'-Biphenyl	13.51	154	92096	10.129	ng		97
46) 2-Chloronaphthalene	13.56	162	69287	10.079	ng		95
47) 2-Nitroaniline	13.76	65	23586	11.619	ng	#	88
48) Acenaphthylene	14.40	152	119470	10.364	ng	#	91
49) Dimethylphthalate	14.12	163	101990	10.343	ng		98
50) 2,6-Dinitrotoluene	14.25	165	21725	12.077	ng		88
51) Acenaphthene	14.74	154	73886	9.810	ng		93
52) 3-Nitroaniline	14.57	138	19410	10.996	ng	#	89
53) 2,4-Dinitrophenol	14.79	184	6409	8.803	ng	#	62
54) Dibenzofuran	15.07	168	121537	10.775	ng		95
55) 4-Nitrophenol	14.90	139	10783	7.238	ng	#	81
56) 2,4-Dinitrotoluene	15.03	165	28937	12.109	ng	#	89
57) Fluorene	15.72	166	101419	10.758	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	27370m	10.178	ng		
59) Diethylphthalate	15.48	149	105571	10.494	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	56779	10.563	ng		96
61) 4-Nitroaniline	15.74	138	20710	10.940	ng		85
62) Azobenzene	16.01	77	105321	10.683	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	14855	10.471	ng		84
65) n-Nitrosodiphenylamine	15.93	169	92048	9.865	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	36421	9.734	ng	#	87
67) Hexachlorobenzene	16.72	284	36130	9.487	ng		94
68) Atrazine	16.87	200	37373	9.392	ng		97
69) Pentachlorophenol	17.08	266	18027	7.039	ng	#	83
70) Phenanthrene	17.46	178	160587	10.174	ng		99
71) Anthracene	17.55	178	161709	10.228	ng		97
72) Carbazole	17.82	167	150840	10.283	ng		98
73) Di-n-butylphthalate	18.38	149	174275	9.967	ng	#	98
74) Fluoranthene	19.47	202	221805	10.799	ng		95
76) Benzidine	19.64	184	105429m	8.356	ng		
77) Pyrene	19.83	202	225192	10.072	ng		98
79) Butylbenzylphthalate	20.71	149	73409	9.042	ng		96
80) Benzo(a)anthracene	21.66	228	219580	10.132	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	76045	9.326	ng	#	97
82) Chrysene	21.73	228	199018	10.029	ng		98
83) Bis(2-ethylhexyl)phthalate	21.56	149	101990	8.890	ng		100
84) Di-n-octyl phthalate	22.78	149	166077	8.438	ng		96
85) Indeno(1,2,3-cd)pyrene	28.57	276	214829	9.244	ng	#	65
87) Benzo(b)fluoranthene	23.88	252	193797	10.079	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	193914	10.310	ng	#	97
89) Benzo(a)pyrene	24.75	252	178393	9.860	ng	#	95
90) Dibenzo(a,h)anthracene	28.63	278	176582	9.887	ng	#	96
91) Benzo(g,h,i)perylene	29.70	276	169689	9.708	ng		94

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

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