Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
Data File : BG037255.D
Acq On : 11 Oct 2018 13:02
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
10/12/2018 8:53:08 AM

Quant Time: Oct 11 13:56:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 12:41:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	52932	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	254131	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	160302	20.00	ng		0.00
64) Phenanthrene-d10	17.51	188	377548	20.00	ng		0.00
76) Chrysene-d12	21.80	240	331409	20.00	ng		0.00
87) Perylene-d12	25.16	264	357686	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	500915	160.29	ng		0.00
7) Phenol-d6	7.26	99	749880	162.95	ng		0.01
23) Nitrobenzene-d5	9.30	82	683193	191.06	ng		0.00
42) 2,4,6-Tribromophenol	16.25	330	280460	171.86	ng		0.00
45) 2-Fluorobiphenyl	13.39	172	1569825	146.50	ng		0.00
79) Terphenyl-d14	20.11	244	2180916	137.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	130881	77.103	ng		99
3) Pyridine	3.95	79	323056	79.449	ng		98
4) n-Nitrosodimethylamine	3.86	42	134456	83.091	ng	#	97
6) Aniline	7.45	93	477718	79.503	ng		98
8) 2-Chlorophenol	7.68	128	292606	81.545	ng		99
9) Benzaldehyde	7.26	77	209243	65.562	ng		99
10) Phenol	7.29	94	397604	81.888	ng		97
11) bis(2-Chloroethyl)ether	7.55	93	315754	81.322	ng		98
12) 1,3-Dichlorobenzene	8.01	146	330953	80.650	ng		97
13) 1,4-Dichlorobenzene	8.16	146	338705	80.644	ng		97
14) 1,2-Dichlorobenzene	8.48	146	317262	79.915	ng		97
15) Benzyl Alcohol	8.36	79	301713	81.024	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.65	45	614284	74.900	ng		98
17) 2-Methylphenol	8.55	107	272280	81.454	ng		98
18) Hexachloroethane	9.22	117	118485	82.878	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	279769	78.249	ng		97
20) 3+4-Methylphenols	8.89	107	385359	83.365	ng		96
22) Acetophenone	8.96	105	491984	75.178	ng	#	98
24) Nitrobenzene	9.35	77	359774	95.091	ng		96
25) Isophorone	9.87	82	691937	75.068	ng		97
26) 2-Nitrophenol	10.06	139	146336	121.037	ng		99
27) 2,4-Dimethylphenol	10.10	122	287838	74.359	ng		100
28) bis(2-Chloroethoxy)methane	10.35	93	430765	77.690	ng		97
29) 2,4-Dichlorophenol	10.58	162	321739	82.810	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	356768	78.984	ng		97
31) Naphthalene	11.00	128	937158	75.613	ng		98
32) Benzoic acid	10.27	122	184469m	94.103	ng		
33) 4-Chloroaniline	11.11	127	455175	76.946	ng		98
34) Hexachlorobutadiene	11.27	225	222681	79.532	ng		99
35) Caprolactam	11.92	113	128386	78.722	ng	#	88
36) 4-Chloro-3-methylphenol	12.21	107	364217	78.613	ng		97
37) 2-Methylnaphthalene	12.59	142	692720	76.612	ng		99
38) 1-Methylnaphthalene	12.82	142	667145	79.127	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	416400	79.909	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	196149	85.730	ng	99
43) 2,4,6-Trichlorophenol	13.19	196	270635	86.370	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	281456	87.539	ng	97
46) 1,1'-Biphenyl	13.60	154	1019354	77.252	ng	97
47) 2-Chloronaphthalene	13.65	162	780993	78.308	ng	98
49) Acenaphthylene	14.49	152	1156382	75.618	ng	98
50) Dimethylphthalate	14.22	163	967811	74.189	ng	99
51) 2,6-Dinitrotoluene	14.34	165	205860	107.490	ng	98
52) Acenaphthene	14.83	154	720515	75.943	ng	98
53) 3-Nitroaniline	14.67	138	226605	107.578	ng	99
54) 2,4-Dinitrophenol	14.87	184	60378	105.974	ng	94
55) Dibenzofuran	15.16	168	1132390	74.284	ng	95
56) 4-Nitrophenol	14.96	139	182276	106.413	ng	96
57) 2,4-Dinitrotoluene	15.12	165	261623	112.455	ng	97
58) Fluorene	15.81	166	858701	74.233	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	250189	86.201	ng	98
60) Diethylphthalate	15.57	149	1001041	73.645	ng	97
61) 4-Chlorophenyl-phenylether	15.80	204	517888	76.701	ng	99
62) 4-Nitroaniline	15.84	138	233447	99.221	ng	98
63) Azobenzene	16.09	77	931774	73.098	ng	98
66) n-Nitrosodiphenylamine	16.01	169	855524	75.388	ng	97
67) 4-Bromophenyl-phenylether	16.69	248	321357	78.103	ng	94
68) Hexachlorobenzene	16.80	284	330709	77.129	ng	99
69) Atrazine	16.96	200	319231	72.727	ng	98
70) Pentachlorophenol	17.14	266	241202	90.592	ng	95
71) Phenanthrene	17.55	178	1392513	72.855	ng	96
72) Anthracene	17.64	178	1372542	72.044	ng	95
73) Carbazole	17.91	167	1406552	70.930	ng	97
74) Di-n-butylphthalate	18.46	149	1563389	69.495	ng	97
75) Fluoranthene	19.55	202	1592524	69.370	ng	95
77) Benzidine	19.74	184	941197	68.695	ng	97
78) Pyrene	19.91	202	1597619	73.894	ng	95
80) Butylbenzylphthalate	20.80	149	714717	85.019	ng	98
81) Benzo(a)anthracene	21.78	228	1506826	75.507	ng	96
82) 3,3'-Dichlorobenzidine	21.70	252	610114	77.197	ng	100
83) Chrysene	21.85	228	1423935	75.278	ng	97
84) Bis(2-ethylhexyl)phthalate	21.67	149	1012205	82.652	ng	97
85) Di-n-octyl phthalate	22.93	149	1682167	85.040	ng	99
86) Indeno(1,2,3-cd)pyrene	29.02	276	1753854	82.412	ng	98
88) Benzo(b)fluoranthene	24.08	252	1545053	79.183	ng	100
89) Benzo(k)fluoranthene	24.16	252	1452462	75.029	ng	96
90) Benzo(a)pyrene	25.00	252	1483625	78.564	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	1436313	80.326	ng	99
92) Benzo(g,h,i)perylene	30.24	276	1441474	80.479	ng	99

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

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