Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG031999.D
Acq On : 12 Jan 2018 13:04
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
1/15/2018 4:23:40 PM

Quant Time: Jan 12 17:24:54 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 16:53:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	50104	20.00	ng		0.00
21) Naphthalene-d8	11.66	136	210927	20.00	ng		0.00
38) Acenaphthene-d10	15.40	164	143068	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	353160	20.00	ng		0.00
75) Chrysene-d12	22.48	240	401632	20.00	ng		0.00
86) Perylene-d12	26.21	264	436149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	226072	82.52	ng		0.00
7) Phenol-d6	7.88	99	288744	83.69	ng		0.00
23) Nitrobenzene-d5	9.97	82	259641	83.28	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	198352	83.78	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	925161	80.18	ng		0.00
78) Terphenyl-d14	20.67	244	1435066	78.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	42145	40.044	ng	#	71
3) Pyridine	4.31	79	117282	41.748	ng	#	84
4) n-Nitrosodimethylamine	4.21	42	41822	42.375	ng	#	89
6) Aniline	8.06	93	181205	41.638	ng		93
8) 2-Chlorophenol	8.32	128	128282	41.847	ng		84
9) Benzaldehyde	7.87	77	84995	42.517	ng		88
10) Phenol	7.91	94	142638	41.968	ng		93
11) bis(2-Chloroethyl)ether	8.16	93	112764	41.413	ng	#	81
12) 1,3-Dichlorobenzene	8.66	146	166224	41.432	ng	#	94
13) 1,4-Dichlorobenzene	8.81	146	166723	41.271	ng		92
14) 1,2-Dichlorobenzene	9.15	146	158943	40.680	ng		96
15) Benzyl Alcohol	9.00	79	106788	42.605	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.30	45	113651	41.070	ng		80
17) 2-Methylphenol	9.20	107	109809	42.276	ng		96
18) Hexachloroethane	9.90	117	51427	41.423	ng	#	87
19) n-Nitroso-di-n-propylamine	9.59	70	89209	41.672	ng	#	82
20) 3+4-Methylphenols	9.54	107	149269	41.483	ng		93
22) Acetophenone	9.62	105	195424	40.788	ng	#	88
24) Nitrobenzene	10.01	77	128338	41.268	ng	#	82
25) Isophorone	10.54	82	238520	41.086	ng	#	85
26) 2-Nitrophenol	10.74	139	78748	42.735	ng	#	83
27) 2,4-Dimethylphenol	10.77	122	118674	40.584	ng		88
28) bis(2-Chloroethoxy)methane	11.02	93	143698	41.084	ng	#	96
29) 2,4-Dichlorophenol	11.28	162	149242	41.478	ng		89
30) 1,2,4-Trichlorobenzene	11.51	180	191204	41.147	ng		98
31) Naphthalene	11.71	128	429834	41.137	ng		98
32) Benzoic acid	10.89	122	93767m	45.348	ng		
33) 4-Chloroaniline	11.80	127	184543	41.186	ng	#	90
34) Hexachlorobutadiene	11.98	225	135683	40.653	ng		97
35) Caprolactam	12.55	113	46449	42.552	ng	#	40
36) 4-Chloro-3-methylphenol	12.87	107	133951	40.672	ng	#	80
37) 2-Methylnaphthalene	13.26	142	336295	40.539	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	252833	40.542	ng	#	95
40) Hexachlorocyclopentadiene	13.60	237	145210	41.341	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	143854	41.053	ng		99
43) 2,4,5-Trichlorophenol	13.92	196	164263	40.499	ng	#	90
45) 1,1'-Biphenyl	14.24	154	491065	40.038	ng		96
46) 2-Chloronaphthalene	14.30	162	385411	40.394	ng		95
47) 2-Nitroaniline	14.48	65	77531	42.446	ng	#	62
48) Acenaphthylene	15.13	152	593006	40.814	ng		99
49) Dimethylphthalate	14.83	163	510181	40.750	ng		99
50) 2,6-Dinitrotoluene	14.96	165	109096	41.982	ng	#	66
51) Acenaphthene	15.47	154	394471	41.059	ng		99
52) 3-Nitroaniline	15.30	138	98410	41.929	ng	#	68
53) 2,4-Dinitrophenol	15.49	184	46438	42.505	ng	#	55
54) Dibenzofuran	15.80	168	579078	40.405	ng		98
55) 4-Nitrophenol	15.57	139	73316	42.863	ng	#	70
56) 2,4-Dinitrotoluene	15.74	165	151738	43.371	ng	#	63
57) Fluorene	16.44	166	474912	40.403	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.01	232	157806	42.058	ng	#	84
59) Diethylphthalate	16.18	149	493491	40.659	ng		97
60) 4-Chlorophenyl-phenylether	16.42	204	290639	40.308	ng		92
61) 4-Nitroaniline	16.45	138	98499	43.749	ng	#	82
62) Azobenzene	16.71	77	313513	41.269	ng		85
64) 4,6-Dinitro-2-methylphenol	16.50	198	87592	41.680	ng	#	68
65) n-Nitrosodiphenylamine	16.63	169	445889	41.608	ng		95
66) 4-Bromophenyl-phenylether	17.31	248	205048	40.807	ng		96
67) Hexachlorobenzene	17.44	284	224198	40.329	ng	#	90
68) Atrazine	17.55	200	186526	41.388	ng		96
69) Pentachlorophenol	17.78	266	149187	41.985	ng		99
70) Phenanthrene	18.18	178	790977	40.227	ng		98
71) Anthracene	18.27	178	800122	40.799	ng		99
72) Carbazole	18.53	167	699643	41.125	ng		99
73) Di-n-butylphthalate	19.04	149	824973	41.038	ng		99
74) Fluoranthene	20.14	202	994943	40.414	ng		96
76) Benzidine	20.30	184	411530	40.976	ng		98
77) Pyrene	20.50	202	1011168	40.049	ng		98
79) Butylbenzylphthalate	21.36	149	364444	40.287	ng	#	77
80) Benzo(a)anthracene	22.46	228	1003187	40.164	ng		98
81) 3,3'-Dichlorobenzidine	22.35	252	388318	41.617	ng	#	96
82) Chrysene	22.54	228	972516	40.542	ng		98
83) Bis(2-ethylhexyl)phthalate	22.31	149	534266	40.275	ng	#	96
84) Di-n-octyl phthalate	23.70	149	855811	40.621	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.54	276	1197206	40.782	ng	#	89
87) Benzo(b)fluoranthene	25.01	252	1088591	41.293	ng	#	97
88) Benzo(k)fluoranthene	25.10	252	1047967	40.681	ng	#	97
89) Benzo(a)pyrene	26.04	252	1015057	40.703	ng	#	96
90) Dibenzo(a,h)anthracene	30.62	278	974951	40.570	ng	#	97
91) Benzo(g,h,i)perylene	31.91	276	992373	33.693	ng	#	94

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

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