Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035591.D
Acq On : 12 Jul 2018 12:39
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:26 PM

Quant Time: Jul 12 13:25:30 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 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	37560	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	155765	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	111487	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	315682	20.00	ng		0.00
75) Chrysene-d12	21.69	240	339422	20.00	ng		0.00
86) Perylene-d12	24.91	264	329432	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	232016	104.25	ng		0.00
7) Phenol-d6	7.22	99	345846	105.28	ng		0.00
23) Nitrobenzene-d5	9.22	82	375765	114.67	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	158607	111.13	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	822581	95.92	ng		0.00
78) Terphenyl-d14	20.02	244	1516950	93.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	54421	51.249	ng	#	74
3) Pyridine	3.95	79	161085	56.222	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	65468	53.187	ng	#	86
6) Aniline	7.38	93	224124	52.783	ng		96
8) 2-Chlorophenol	7.62	128	118398	50.751	ng		96
9) Benzaldehyde	7.19	77	98202	38.811	ng		96
10) Phenol	7.25	94	178181	52.414	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	138749	52.585	ng		88
12) 1,3-Dichlorobenzene	7.95	146	141381	50.792	ng	#	90
13) 1,4-Dichlorobenzene	8.09	146	143695	50.008	ng		96
14) 1,2-Dichlorobenzene	8.41	146	133217	49.357	ng		95
15) Benzyl Alcohol	8.29	79	161643	51.932	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	112057	42.669	ng		78
17) 2-Methylphenol	8.50	107	117167	52.277	ng	#	90
18) Hexachloroethane	9.14	117	52489	51.024	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	142286	50.984	ng	#	84
20) 3+4-Methylphenols	8.82	107	168727	52.521	ng		94
22) Acetophenone	8.88	105	244997	50.775	ng	#	92
24) Nitrobenzene	9.26	77	189120	56.360	ng	#	89
25) Isophorone	9.78	82	352066	50.887	ng		99
26) 2-Nitrophenol	9.97	139	72586	62.756	ng	#	88
27) 2,4-Dimethylphenol	10.03	122	113320	46.611	ng		88
28) bis(2-Chloroethoxy)methane	10.26	93	193334	52.001	ng		97
29) 2,4-Dichlorophenol	10.51	162	133723	50.550	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	159320	50.226	ng		98
31) Naphthalene	10.91	128	404627	50.004	ng		98
32) Benzoic acid	10.18	122	83394m	51.211	ng		
33) 4-Chloroaniline	11.02	127	180343	51.328	ng		94
34) Hexachlorobutadiene	11.20	225	121392	49.208	ng		93
35) Caprolactam	11.79	113	60443	61.825	ng	#	73
36) 4-Chloro-3-methylphenol	12.13	107	178817	54.227	ng		91
37) 2-Methylnaphthalene	12.51	142	303806	49.521	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	210343	50.653	ng		98
40) Hexachlorocyclopentadiene	12.86	237	115776	44.459	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	129266	51.986	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	141264	51.761	ng		99
45) 1,1'-Biphenyl	13.52	154	429486	47.909	ng		95
46) 2-Chloronaphthalene	13.56	162	332243	49.019	ng		97
47) 2-Nitroaniline	13.76	65	129933	64.920	ng		97
48) Acenaphthylene	14.40	152	568609	50.031	ng		97
49) Dimethylphthalate	14.13	163	499250	51.353	ng	#	99
50) 2,6-Dinitrotoluene	14.25	165	105554	59.513	ng		94
51) Acenaphthene	14.74	154	354712	47.769	ng		96
52) 3-Nitroaniline	14.58	138	109701	63.033	ng	#	87
53) 2,4-Dinitrophenol	14.79	184	49023	68.297	ng	#	64
54) Dibenzofuran	15.08	168	558075	50.181	ng		92
55) 4-Nitrophenol	14.89	139	82466	56.144	ng	#	81
56) 2,4-Dinitrotoluene	15.04	165	158975	67.475	ng	#	92
57) Fluorene	15.72	166	476167	51.231	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	141783	53.477	ng		96
59) Diethylphthalate	15.49	149	517854	52.209	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	275605	52.002	ng		98
61) 4-Nitroaniline	15.75	138	119892	64.235	ng	#	82
62) Azobenzene	16.01	77	504823	51.937	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	94936	65.868	ng		85
65) n-Nitrosodiphenylamine	15.93	169	444268	46.862	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	187831	49.409	ng		95
67) Hexachlorobenzene	16.73	284	186978	48.323	ng		95
68) Atrazine	16.88	200	187714	46.431	ng		96
69) Pentachlorophenol	17.07	266	123024	47.283	ng		96
70) Phenanthrene	17.46	178	783521	48.860	ng		98
71) Anthracene	17.56	178	790913	49.238	ng		98
72) Carbazole	17.83	167	753860	50.581	ng		99
73) Di-n-butylphthalate	18.37	149	902236	50.790	ng	#	98
74) Fluoranthene	19.47	202	1057043	50.656	ng		96
76) Benzidine	19.65	184	390528	30.926	ng		97
77) Pyrene	19.83	202	1081115	48.315	ng		97
79) Butylbenzylphthalate	20.71	149	396937	48.853	ng	#	97
80) Benzo(a)anthracene	21.67	228	1054060	48.597	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	373830	45.811	ng		98
82) Chrysene	21.74	228	981937	49.445	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	538870	46.936	ng		99
84) Di-n-octyl phthalate	22.78	149	914993	46.454	ng		95
85) Indeno(1,2,3-cd)pyrene	28.59	276	1110842	47.760	ng	#	87
87) Benzo(b)fluoranthene	23.89	252	1019851	50.271	ng	#	97
88) Benzo(k)fluoranthene	23.96	252	959732	48.361	ng	#	95
89) Benzo(a)pyrene	24.76	252	941721	49.331	ng	#	96
90) Dibenzo(a,h)anthracene	28.65	278	931989	49.456	ng	#	97
91) Benzo(g,h,i)perylene	29.74	276	921844	49.985	ng	#	95

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

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