Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092018\
Data File : BG036848.D
Acq On : 20 Sep 2018 18:06
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
9/21/2018 10:49:02 AM

Quant Time: Sep 20 18:41:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 18:05:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38458	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	184125	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	129958	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	333315	20.00	ng	0.00
75) Chrysene-d12	21.69	240	317602	20.00	ng	0.00
86) Perylene-d12	24.90	264	330503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	200518	82.71	ng	0.00
7) Phenol-d6	7.21	99	319269	91.98	ng	0.00
23) Nitrobenzene-d5	9.21	82	344146	101.41	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	160408	103.44	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	835086	91.75	ng	0.00
78) Terphenyl-d14	20.03	244	1142239	84.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	47012	41.551	ng	98
3) Pyridine	3.92	79	139628	43.965	ng	99
4) n-Nitrosodimethylamine	3.84	42	59046	41.742	ng	97
6) Aniline	7.38	93	203141	46.106	ng	98
8) 2-Chlorophenol	7.61	128	116812	44.430	ng	92
9) Benzaldehyde	7.19	77	97609	40.835	ng	96
10) Phenol	7.24	94	167163	46.019	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	143994	50.001	ng	99
12) 1,3-Dichlorobenzene	7.94	146	137097	45.668	ng	97
13) 1,4-Dichlorobenzene	8.08	146	142243	46.930	ng	97
14) 1,2-Dichlorobenzene	8.41	146	134704	46.536	ng	96
15) Benzyl Alcohol	8.29	79	128495	45.920	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	274590	47.281	ng	98
17) 2-Methylphenol	8.49	107	112636	46.698	ng	98
18) Hexachloroethane	9.13	117	52040	47.888	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	130263	50.213	ng	96
20) 3+4-Methylphenols	8.82	107	158929	47.195	ng	98
22) Acetophenone	8.87	105	212030	43.853	ng	99
24) Nitrobenzene	9.26	77	180353	49.285	ng	96
25) Isophorone	9.77	82	317451	47.089	ng	99
26) 2-Nitrophenol	9.97	139	77680	53.569	ng	98
27) 2,4-Dimethylphenol	10.02	122	118047	43.970	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	193058	46.661	ng	98
29) 2,4-Dichlorophenol	10.50	162	138975	47.234	ng	93
30) 1,2,4-Trichlorobenzene	10.71	180	164527	47.800	ng	100
31) Naphthalene	10.91	128	426106	46.295	ng	99
32) Benzoic acid	10.17	122	88323m	47.568	ng	
33) 4-Chloroaniline	11.01	127	201795	47.844	ng	99
34) Hexachlorobutadiene	11.19	225	112969	48.849	ng	97
35) Caprolactam	11.80	113	57879	49.381	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	166306	48.644	ng	96
37) 2-Methylnaphthalene	12.51	142	331085	49.161	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	224079	48.723	ng	99
40) Hexachlorocyclopentadiene	12.85	237	119848	50.085	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	132341	47.239	ng		93
43) 2,4,5-Trichlorophenol	13.18	196	138861	46.471	ng		96
45) 1,1'-Biphenyl	13.51	154	479496	44.449	ng		98
46) 2-Chloronaphthalene	13.55	162	377641	45.856	ng		97
47) 2-Nitroaniline	13.76	65	138719	53.641	ng		97
48) Acenaphthylene	14.40	152	598128	46.472	ng		99
49) Dimethylphthalate	14.13	163	514798	48.512	ng		99
50) 2,6-Dinitrotoluene	14.25	165	114659	52.509	ng		97
51) Acenaphthene	14.74	154	361435	43.848	ng		99
52) 3-Nitroaniline	14.59	138	124145	52.757	ng		97
53) 2,4-Dinitrophenol	14.79	184	49439	59.774	ng		94
54) Dibenzofuran	15.07	168	606458	46.962	ng		99
55) 4-Nitrophenol	14.89	139	83964	43.641	ng		97
56) 2,4-Dinitrotoluene	15.04	165	162556	57.119	ng		92
57) Fluorene	15.73	166	457182	47.357	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	139311	49.621	ng		96
59) Diethylphthalate	15.49	149	516951	48.338	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	294031	49.324	ng		97
61) 4-Nitroaniline	15.75	138	126052	51.191	ng		97
62) Azobenzene	16.01	77	494251	45.422	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	91787	62.688	ng		96
65) n-Nitrosodiphenylamine	15.93	169	451673	45.605	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	193540	49.595	ng		98
67) Hexachlorobenzene	16.72	284	195516	48.997	ng		96
68) Atrazine	16.88	200	185020	49.771	ng		98
69) Pentachlorophenol	17.07	266	129350	47.695	ng		97
70) Phenanthrene	17.47	178	786496	46.437	ng		99
71) Anthracene	17.55	178	776391	45.987	ng		99
72) Carbazole	17.82	167	752789	44.647	ng		99
73) Di-n-butylphthalate	18.38	149	837764	44.620	ng		99
74) Fluoranthene	19.47	202	920951	44.599	ng		99
76) Benzidine	19.65	184	470047	46.388	ng		99
77) Pyrene	19.83	202	938612	48.058	ng		100
79) Butylbenzylphthalate	20.71	149	374310	48.157	ng		94
80) Benzo(a)anthracene	21.67	228	883339	45.909	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	349415	45.566	ng		98
82) Chrysene	21.74	228	853858	46.818	ng		100
83) Bis(2-ethylhexyl)phthalate	21.57	149	512446	47.114	ng		99
84) Di-n-octyl phthalate	22.78	149	849498	46.760	ng		98
85) Indeno(1,2,3-cd)pyrene	28.56	276	969806	45.783	ng	#	95
87) Benzo(b)fluoranthene	23.88	252	858032	46.752	ng		98
88) Benzo(k)fluoranthene	23.95	252	856257	47.756	ng		98
89) Benzo(a)pyrene	24.75	252	830969	47.118	ng		99
90) Dibenzo(a,h)anthracene	28.62	278	792172	46.528	ng		98
91) Benzo(g,h,i)perylene	29.70	276	795552	46.498	ng		97

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

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