Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038496.D
Acq On : 12 Dec 2018 10:21
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Sohil
12/13/2018 3:06:37 PM

Quant Time: Dec 12 12:25:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 12:12:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24578	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	129493	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	65086	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	166008	20.00	ng		0.00
76) Chrysene-d12	21.72	240	177300	20.00	ng		0.00
87) Perylene-d12	25.02	264	188889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	26733	19.25	ng		0.00
7) Phenol-d6	7.21	99	35931	17.90	ng		0.00
23) Nitrobenzene-d5	9.24	82	38958	14.94	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	17349	21.71	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	98735	21.62	ng		0.00
79) Terphenyl-d14	20.04	244	168674	20.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	6696	10.519	ng		97
3) Pyridine	3.90	79	16345	8.583	ng		92
4) n-Nitrosodimethylamine	3.83	42	7871	9.436	ng	#	78
6) Aniline	7.39	93	23263	9.073	ng		96
8) 2-Chlorophenol	7.62	128	15576	9.656	ng		93
9) Benzaldehyde	7.20	77	13957	10.980	ng		94
10) Phenol	7.23	94	19957	9.410	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	16240	9.349	ng		94
12) 1,3-Dichlorobenzene	7.94	146	18677	9.907	ng		94
13) 1,4-Dichlorobenzene	8.10	146	18704	9.589	ng		98
14) 1,2-Dichlorobenzene	8.41	146	18258	9.473	ng		95
15) Benzyl Alcohol	8.30	79	14366	8.705	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	36050	9.124	ng		99
17) 2-Methylphenol	8.50	107	13518	8.397	ng		91
18) Hexachloroethane	9.14	117	6965	9.893	ng		83
19) n-Nitroso-di-n-propylamine	8.86	70	12987	8.405	ng		99
20) 3+4-Methylphenols	8.82	107	17464	8.173	ng		92
22) Acetophenone	8.89	105	25370	7.485	ng	#	98
24) Nitrobenzene	9.28	77	20135	7.598	ng		98
25) Isophorone	9.79	82	31820	6.942	ng		98
26) 2-Nitrophenol	9.99	139	8942	7.283	ng		98
27) 2,4-Dimethylphenol	10.03	122	14024	7.952	ng		96
28) bis(2-Chloroethoxy)methane	10.28	93	21037	8.006	ng		95
29) 2,4-Dichlorophenol	10.52	162	15825	7.861	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	23540	9.961	ng		97
31) Naphthalene	10.93	128	63290	10.232	ng		99
32) Benzoic acid	10.17	122	2754m	2.398	ng		
33) 4-Chloroaniline	11.05	127	21013	7.674	ng		97
34) Hexachlorobutadiene	11.19	225	13430	9.084	ng		94
35) Caprolactam	11.80	113	5687	6.831	ng		94
36) 4-Chloro-3-methylphenol	12.15	107	16951	7.578	ng		95
37) 2-Methylnaphthalene	12.53	142	36088	8.192	ng		99
38) 1-Methylnaphthalene	12.74	142	33950	8.047	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	24919	11.127	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	11413	9.273	ng		91
43) 2,4,6-Trichlorophenol	13.13	196	14215	9.798	ng		93
44) 2,4,5-Trichlorophenol	13.21	196	15130	9.844	ng		97
46) 1,1'-Biphenyl	13.53	154	56019	10.182	ng		99
47) 2-Chloronaphthalene	13.58	162	41919	10.097	ng		99
48) 2-Nitroaniline	13.79	65	13378	9.605	ng		99
49) Acenaphthylene	14.42	152	65296	10.443	ng		96
50) Dimethylphthalate	14.14	163	55803	10.689	ng		98
51) 2,6-Dinitrotoluene	14.28	165	12241	10.265	ng		89
52) Acenaphthene	14.76	154	38244	10.033	ng		98
53) 3-Nitroaniline	14.61	138	12452	9.695	ng		93
54) 2,4-Dinitrophenol	14.82	184	3946	6.036	ng	#	81
55) Dibenzofuran	15.09	168	65168	10.342	ng		96
56) 4-Nitrophenol	14.92	139	8140	8.023	ng		92
57) 2,4-Dinitrotoluene	15.06	165	17125	10.412	ng		97
58) Fluorene	15.74	166	49709	10.707	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.32	232	13227	9.909	ng	#	100
60) Diethylphthalate	15.49	149	66026	11.416	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	30072	10.784	ng		98
62) 4-Nitroaniline	15.77	138	12925	10.232	ng		99
63) Azobenzene	16.02	77	50667	10.010	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	10479	9.634	ng		99
66) n-Nitrosodiphenylamine	15.95	169	49809	10.670	ng		93
67) 4-Bromophenyl-phenylether	16.63	248	19977	11.143	ng		96
68) Hexachlorobenzene	16.74	284	20638	11.161	ng		95
69) Atrazine	16.89	200	20007	11.486	ng		97
70) Pentachlorophenol	17.09	266	9467	7.475	ng		95
71) Phenanthrene	17.49	178	86904	10.453	ng		98
72) Anthracene	17.58	178	87802	10.906	ng		98
73) Carbazole	17.86	167	86546	10.831	ng		98
74) Di-n-butylphthalate	18.38	149	100912	10.810	ng		98
75) Fluoranthene	19.49	202	110468	11.373	ng		97
77) Benzidine	19.68	184	60065	10.039	ng		97
78) Pyrene	19.86	202	112877	9.099	ng		96
80) Butylbenzylphthalate	20.72	149	44761	8.971	ng		97
81) Benzo(a)anthracene	21.70	228	109080	10.010	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	42265	9.970	ng		97
83) Chrysene	21.77	228	104656	10.149	ng		94
84) Bis(2-ethylhexyl)phthalate	21.57	149	72081	10.192	ng		98
85) Di-n-octyl phthalate	22.80	149	103546	8.539	ng		99
86) Indeno(1,2,3-cd)pyrene	28.79	276	131935	11.258	ng	#	94
88) Benzo(b)fluoranthene	23.96	252	103427	9.691	ng		99
89) Benzo(k)fluoranthene	24.03	252	104500	9.831	ng		98
90) Benzo(a)pyrene	24.85	252	99242	9.586	ng		99
91) Dibenzo(a,h)anthracene	28.85	278	111132	11.318	ng		98
92) Benzo(g,h,i)perylene	29.98	276	96371	9.893	ng		95

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

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