Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038325.D
Acq On : 4 Dec 2018 12:04
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
12/6/2018 10:32:42 AM

Quant Time: Dec 04 14:09:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 13:58:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	33318	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	137285	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	86393	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	208772	20.00	ng		0.00
76) Chrysene-d12	21.74	240	197284	20.00	ng		0.00
87) Perylene-d12	25.05	264	205521	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	36484	18.91	ng		0.00
7) Phenol-d6	7.22	99	54328	19.72	ng		0.00
23) Nitrobenzene-d5	9.25	82	63788	24.87	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	20983	21.30	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	127743	21.54	ng		0.00
79) Terphenyl-d14	20.06	244	197551	23.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	8705	9.550	ng		91
3) Pyridine	3.92	79	25488	9.803	ng		95
4) n-Nitrosodimethylamine	3.84	42	10874	11.528	ng	#	90
6) Aniline	7.40	93	35521	9.991	ng		96
8) 2-Chlorophenol	7.63	128	22337	9.976	ng		98
9) Benzaldehyde	7.21	77	20365	10.223	ng		97
10) Phenol	7.25	94	29552	10.129	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	24048	10.096	ng		97
12) 1,3-Dichlorobenzene	7.96	146	26452	10.255	ng		97
13) 1,4-Dichlorobenzene	8.11	146	27017	10.368	ng		97
14) 1,2-Dichlorobenzene	8.42	146	36140	14.527	ng		98
15) Benzyl Alcohol	8.31	79	27179	13.636	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	65722	14.859	ng		100
17) 2-Methylphenol	8.51	107	27555	13.969	ng		95
18) Hexachloroethane	9.16	117	10109	10.660	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	26858	13.475	ng		98
20) 3+4-Methylphenols	8.83	107	35881	12.831	ng		99
22) Acetophenone	8.90	105	47772	13.986	ng	#	98
24) Nitrobenzene	9.29	77	31491	12.003	ng		94
25) Isophorone	9.80	82	44623	9.667	ng		99
26) 2-Nitrophenol	10.00	139	12673	9.676	ng	#	86
27) 2,4-Dimethylphenol	10.05	122	18949	9.603	ng		91
28) bis(2-Chloroethoxy)methane	10.29	93	28677	9.715	ng		99
29) 2,4-Dichlorophenol	10.53	162	20839	9.389	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	25366	10.198	ng		98
31) Naphthalene	10.94	128	68658	10.168	ng		97
32) Benzoic acid	10.14	122	7878m	7.778	ng		
33) 4-Chloroaniline	11.06	127	29501	9.392	ng		97
34) Hexachlorobutadiene	11.20	225	16422	10.728	ng		97
35) Caprolactam	11.82	113	8642	9.727	ng	#	87
36) 4-Chloro-3-methylphenol	12.16	107	23272	9.597	ng		96
37) 2-Methylnaphthalene	12.54	142	48727	10.046	ng		98
38) 1-Methylnaphthalene	12.76	142	46464	9.952	ng		91
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	29134	10.092	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	13896	8.989	ng		88
43) 2,4,6-Trichlorophenol	13.14	196	19005	9.661	ng		95
44) 2,4,5-Trichlorophenol	13.21	196	19540	9.440	ng		98
46) 1,1'-Biphenyl	13.54	154	75016	10.336	ng		99
47) 2-Chloronaphthalene	13.59	162	58105	10.491	ng		97
48) 2-Nitroaniline	13.80	65	18264	10.478	ng		96
49) Acenaphthylene	14.43	152	86649	10.404	ng		98
50) Dimethylphthalate	14.15	163	72114	10.529	ng		98
51) 2,6-Dinitrotoluene	14.29	165	16370	10.560	ng		99
52) Acenaphthene	14.78	154	51377	10.247	ng		95
53) 3-Nitroaniline	14.62	138	16896	9.878	ng	#	98
54) 2,4-Dinitrophenol	14.83	184	6616	10.130	ng		91
55) Dibenzofuran	15.10	168	86825	10.472	ng		97
56) 4-Nitrophenol	14.92	139	12078	9.155	ng		98
57) 2,4-Dinitrotoluene	15.07	165	22058	10.459	ng	#	96
58) Fluorene	15.75	166	65411	10.574	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	18046	10.419	ng	#	99
60) Diethylphthalate	15.51	149	87911	12.085	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	38908	10.749	ng		96
62) 4-Nitroaniline	15.79	138	17535	10.319	ng		94
63) Azobenzene	16.03	77	72206	11.101	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	12532	9.490	ng		89
66) n-Nitrosodiphenylamine	15.96	169	64519	10.215	ng		100
67) 4-Bromophenyl-phenylether	16.64	248	23664	10.327	ng		93
68) Hexachlorobenzene	16.75	284	24054	10.170	ng		97
69) Atrazine	16.90	200	25206	10.826	ng		96
70) Pentachlorophenol	17.10	266	13128	8.172	ng	#	87
71) Phenanthrene	17.50	178	111276	10.410	ng		95
72) Anthracene	17.59	178	110986	10.534	ng		99
73) Carbazole	17.87	167	111727	10.569	ng		97
74) Di-n-butylphthalate	18.39	149	128449	10.825	ng		98
75) Fluoranthene	19.50	202	133803	10.972	ng		98
77) Benzidine	19.69	184	68693	9.923	ng		99
78) Pyrene	19.87	202	137716	10.677	ng		98
80) Butylbenzylphthalate	20.73	149	53397	9.466	ng		99
81) Benzo(a)anthracene	21.71	228	121755	10.213	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	46822	10.082	ng		97
83) Chrysene	21.78	228	116232	10.190	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	75626	9.401	ng		96
85) Di-n-octyl phthalate	22.82	149	123791	9.512	ng		98
86) Indeno(1,2,3-cd)pyrene	28.84	276	124053	9.792	ng	#	96
88) Benzo(b)fluoranthene	23.98	252	113264	10.015	ng		97
89) Benzo(k)fluoranthene	24.05	252	114512	10.261	ng		99
90) Benzo(a)pyrene	24.88	252	108970	10.082	ng		98
91) Dibenzo(a,h)anthracene	28.90	278	105698	10.163	ng		98
92) Benzo(g,h,i)perylene	30.02	276	106941	10.342	ng		99

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

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