Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
Data File : BG043743.D
Acq On : 22 Nov 2019 15:48
Operator : JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:02 AM

Quant Time: Nov 23 00:15:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 23:55:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	11809	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	47248	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	34245	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	138484	20.00	ng		0.00
76) Chrysene-d12	21.67	240	437424	20.00	ng		0.00
87) Perylene-d12	24.85	264	551652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	13340	20.70	ng		0.00
7) Phenol-d6	7.19	99	19782	21.34	ng		0.00
23) Nitrobenzene-d5	9.19	82	16640	18.16	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	10343	15.87	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	46364	18.71	ng		0.00
79) Terphenyl-d14	20.02	244	348920	14.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	3295m	13.121	ng		
3) Pyridine	3.93	79	5877m	9.277	ng		
4) n-Nitrosodimethylamine	3.86	42	2617m	8.187	ng		
6) Aniline	7.35	93	13336	12.486	ng	#	87
8) 2-Chlorophenol	7.59	128	8078	11.355	ng		91
9) Benzaldehyde	7.17	77	8591	18.854	ng		95
10) Phenol	7.22	94	9836	11.609	ng		88
11) bis(2-Chloroethyl)ether	7.46	93	8937	13.643	ng		91
12) 1,3-Dichlorobenzene	7.94	146	9492	10.650	ng		97
13) 1,4-Dichlorobenzene	8.07	146	9902m	10.980	ng		
14) 1,2-Dichlorobenzene	8.39	146	9109	10.345	ng		93
15) Benzyl Alcohol	8.27	79	7726	11.865	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.56	45	14768	15.504	ng		88
17) 2-Methylphenol	8.47	107	7414	12.003	ng	#	84
18) Hexachloroethane	9.12	117	3652	11.225	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	8529	14.236	ng		96
20) 3+4-Methylphenols	8.79	107	9584	11.316	ng		89
22) Acetophenone	8.85	105	14945	12.352	ng	#	91
24) Nitrobenzene	9.22	77	9843	11.274	ng	#	85
25) Isophorone	9.76	82	21045	12.560	ng	#	95
26) 2-Nitrophenol	9.95	139	2293	5.440	ng	#	84
27) 2,4-Dimethylphenol	10.00	122	6374	10.551	ng		93
28) bis(2-Chloroethoxy)methane	10.24	93	12983	14.039	ng		96
29) 2,4-Dichlorophenol	10.47	162	6609	8.538	ng		90
30) 1,2,4-Trichlorobenzene	10.70	180	8954	9.178	ng		98
31) Naphthalene	10.89	128	26056	10.864	ng		97
33) 4-Chloroaniline	10.98	127	12050	12.257	ng		97
34) Hexachlorobutadiene	11.19	225	5486	7.607	ng	#	90
35) Caprolactam	11.72	113	3473	13.028	ng	#	62
36) 4-Chloro-3-methylphenol	12.10	107	9100	10.778	ng	#	84
37) 2-Methylnaphthalene	12.49	142	18215	9.899	ng		97
38) 1-Methylnaphthalene	12.71	142	17411	9.944	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	10422	8.223	ng		97
41) Hexachlorocyclopentadiene	12.85	237	4755	7.142	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.09	196	6181	8.282	ng		86
44) 2,4,5-Trichlorophenol	13.15	196	6733	8.923	ng		100
46) 1,1'-Biphenyl	13.49	154	25302	9.712	ng		93
47) 2-Chloronaphthalene	13.53	162	19660	9.918	ng		95
48) 2-Nitroaniline	13.72	65	5251	8.863	ng		94
49) Acenaphthylene	14.38	152	35427	11.484	ng		95
50) Dimethylphthalate	14.11	163	36426	13.733	ng		98
51) 2,6-Dinitrotoluene	14.21	165	4542	7.882	ng		97
52) Acenaphthene	14.72	154	21934	11.659	ng		97
53) 3-Nitroaniline	14.54	138	6290	11.306	ng	#	84
54) 2,4-Dinitrophenol	14.75	184	1780	5.851	ng	#	88
55) Dibenzofuran	15.06	168	37712	12.361	ng		94
56) 4-Nitrophenol	14.84	139	6596	17.691	ng		94
57) 2,4-Dinitrotoluene	15.00	165	6741	8.185	ng	#	92
58) Fluorene	15.70	166	33167	12.962	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	8865	11.058	ng	#	87
60) Diethylphthalate	15.47	149	42435	15.922	ng		97
61) 4-Chlorophenyl-phenylether	15.70	204	16759	11.227	ng		92
62) 4-Nitroaniline	15.70	138	9641	16.779	ng	#	81
63) Azobenzene	15.99	77	34939	16.198	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	3081	3.780	ng		91
66) n-Nitrosodiphenylamine	15.91	169	33565	8.585	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	11988	6.432	ng		86
68) Hexachlorobenzene	16.71	284	14902	6.966	ng		94
69) Atrazine	16.85	200	19809	14.581	ng		95
70) Pentachlorophenol	17.05	266	8965	9.197	ng		96
71) Phenanthrene	17.44	178	81156	11.444	ng		93
72) Anthracene	17.54	178	84920	11.969	ng		98
73) Carbazole	17.79	167	102244	15.913	ng		95
74) Di-n-butylphthalate	18.38	149	149440	19.169	ng		98
75) Fluoranthene	19.45	202	183005	19.795	ng		95
77) Benzidine	19.62	184	122569	13.923	ng		96
78) Pyrene	19.81	202	199969	7.385	ng		95
80) Butylbenzylphthalate	20.71	149	129402	12.615	ng		100
81) Benzo(a)anthracene	21.64	228	337302	12.310	ng		95
82) 3,3'-Dichlorobenzidine	21.56	252	137960	13.018	ng		99
83) Chrysene	21.71	228	316913	11.641	ng		93
84) Bis(2-ethylhexyl)phthalate	21.59	149	238897	16.395	ng		99
85) Di-n-octyl phthalate	22.81	149	373516	15.109	ng		98
86) Indeno(1,2,3-cd)pyrene	28.46	276	334426	9.786	ng		98
88) Benzo(b)fluoranthene	23.84	252	375406	12.015	ng		98
89) Benzo(k)fluoranthene	23.91	252	363099	11.544	ng		96
90) Benzo(a)pyrene	24.70	252	343177	11.502	ng		98
91) Dibenzo(a,h)anthracene	28.53	278	276976	9.076	ng		98
92) Benzo(g,h,i)perylene	29.59	276	266541	8.854	ng		99

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

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