Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
Data File : BG041626.D
Acq On : 11 Jul 2019 19:30
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
7/12/2019 10:38:28 PM

Quant Time: Jul 12 04:40:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	73554	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	329838	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	215145	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	520282	20.00	ng		0.00
76) Chrysene-d12	21.67	240	496444	20.00	ng		0.00
87) Perylene-d12	24.88	264	574830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	354767	88.62	ng		0.00
7) Phenol-d6	7.20	99	484280	83.46	ng		0.00
23) Nitrobenzene-d5	9.21	82	410896	52.39	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	194820	58.98	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1102129	69.63	ng		0.00
79) Terphenyl-d14	20.02	244	1600215	63.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	79918	39.813	ng	#	85
3) Pyridine	3.90	79	220073	41.327	ng	#	85
4) n-Nitrosodimethylamine	3.81	42	99784	35.137	ng	#	78
6) Aniline	7.37	93	326774	40.515	ng		98
8) 2-Chlorophenol	7.61	128	195415	41.545	ng		98
9) Benzaldehyde	7.19	77	132614	35.732	ng		97
10) Phenol	7.23	94	252154	40.411	ng		82
11) bis(2-Chloroethyl)ether	7.47	93	203239	42.927	ng		97
12) 1,3-Dichlorobenzene	7.95	146	240886	40.901	ng	#	87
13) 1,4-Dichlorobenzene	8.09	146	241474	40.138	ng		95
14) 1,2-Dichlorobenzene	8.41	146	228594	39.782	ng		93
15) Benzyl Alcohol	8.28	79	194327	34.954	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	435254	56.159	ng		88
17) 2-Methylphenol	8.48	107	176329	39.527	ng	#	88
18) Hexachloroethane	9.15	117	87663	36.771	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	178640	38.065	ng		94
20) 3+4-Methylphenols	8.81	107	247826	41.731	ng		89
22) Acetophenone	8.87	105	315874	32.909	ng	#	96
24) Nitrobenzene	9.25	77	213312	27.043	ng	#	90
25) Isophorone	9.78	82	461474	32.072	ng	#	93
26) 2-Nitrophenol	9.96	139	90857	28.412	ng	#	78
27) 2,4-Dimethylphenol	10.02	122	181239	37.810	ng		85
28) bis(2-Chloroethoxy)methane	10.26	93	284354	37.928	ng		99
29) 2,4-Dichlorophenol	10.50	162	210492	35.416	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	244197	32.081	ng		98
31) Naphthalene	10.92	128	641180	35.768	ng		99
32) Benzoic acid	10.15	122	124371	39.858	ng	#	81
33) 4-Chloroaniline	11.01	127	307101	40.338	ng	#	89
34) Hexachlorobutadiene	11.21	225	156119	25.839	ng		97
35) Caprolactam	11.77	113	82975	40.552	ng		92
36) 4-Chloro-3-methylphenol	12.12	107	221156	32.214	ng	#	85
37) 2-Methylnaphthalene	12.51	142	485990	36.809	ng	#	91
38) 1-Methylnaphthalene	12.73	142	462260	36.594	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	280222	31.542	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	165440	27.646	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	183238	33.342	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	188524	33.339	ng		97
46) 1,1'-Biphenyl	13.51	154	621812	38.230	ng		97
47) 2-Chloronaphthalene	13.55	162	512067	36.568	ng		97
48) 2-Nitroaniline	13.74	65	134732	26.271	ng	#	80
49) Acenaphthylene	14.40	152	809350	38.089	ng		98
50) Dimethylphthalate	14.13	163	672942	35.154	ng		99
51) 2,6-Dinitrotoluene	14.24	165	127588	31.610	ng	#	75
52) Acenaphthene	14.74	154	506594	40.600	ng		96
53) 3-Nitroaniline	14.57	138	143993	36.209	ng	#	86
54) 2,4-Dinitrophenol	14.77	184	54198	20.963	ng	#	76
55) Dibenzofuran	15.08	168	778163	35.869	ng		93
56) 4-Nitrophenol	14.85	139	115788	41.908	ng	#	68
57) 2,4-Dinitrotoluene	15.02	165	167771	28.434	ng	#	82
58) Fluorene	15.72	166	634659	37.188	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	183153m	31.321	ng		
60) Diethylphthalate	15.49	149	685472	35.230	ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	355063	31.977	ng		99
62) 4-Nitroaniline	15.72	138	155714	36.610	ng	#	68
63) Azobenzene	16.00	77	597286	34.410	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	78874	23.356	ng		98
66) n-Nitrosodiphenylamine	15.92	169	583391	42.230	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	233745	34.745	ng		99
68) Hexachlorobenzene	16.72	284	239590	33.258	ng	#	93
69) Atrazine	16.87	200	186580	41.409	ng		97
70) Pentachlorophenol	17.06	266	148389	40.227	ng		98
71) Phenanthrene	17.46	178	1041645	37.539	ng		99
72) Anthracene	17.54	178	1050932	38.416	ng		98
73) Carbazole	17.81	167	970673	40.562	ng		97
74) Di-n-butylphthalate	18.38	149	1201869	40.250	ng		97
75) Fluoranthene	19.46	202	1271668	34.496	ng		93
77) Benzidine	19.63	184	572208	47.653	ng		98
78) Pyrene	19.82	202	1292155	38.594	ng		95
80) Butylbenzylphthalate	20.71	149	552233	43.607	ng		98
81) Benzo(a)anthracene	21.65	228	1268819	37.747	ng		97
82) 3,3'-Dichlorobenzidine	21.56	252	521868	44.227	ng	#	99
83) Chrysene	21.72	228	1205882	37.304	ng		95
84) Bis(2-ethylhexyl)phthalate	21.59	149	786723	45.585	ng		98
85) Di-n-octyl phthalate	22.80	149	1372196	46.995	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.55	276	1535769	40.044	ng	#	94
88) Benzo(b)fluoranthene	23.87	252	1377810	38.676	ng	#	93
89) Benzo(k)fluoranthene	23.94	252	1261839	35.756	ng	#	94
90) Benzo(a)pyrene	24.73	252	1290847	38.368	ng	#	96
91) Dibenzo(a,h)anthracene	28.62	278	1235099	36.464	ng	#	93
92) Benzo(g,h,i)perylene	29.68	276	1222651	36.526	ng	#	89

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

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