Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
Data File : BG043789.D
Acq On : 9 Dec 2019 13:30
Operator : JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
12/10/2019 11:50:55 AM

Quant Time: Dec 09 17:35:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 15:25:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	131224	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	562406	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	386279	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	861625	20.00	ng		0.00
76) Chrysene-d12	21.63	240	724703	20.00	ng		0.00
87) Perylene-d12	24.79	264	813636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	289939	39.72	ng		0.00
7) Phenol-d6	7.16	99	424333	39.99	ng		0.00
23) Nitrobenzene-d5	9.15	82	415978	40.67	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	147809	31.72	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1041606	44.32	ng		0.00
79) Terphenyl-d14	19.98	244	1559795	48.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	67444	20.839	ng		97
3) Pyridine	3.88	79	200140	21.962	ng		96
4) n-Nitrosodimethylamine	3.79	42	87180	19.258	ng		99
6) Aniline	7.32	93	277245	20.050	ng		99
8) 2-Chlorophenol	7.57	128	169029	20.303	ng		98
9) Benzaldehyde	7.13	77	134815	21.271	ng		90
10) Phenol	7.18	94	215154	19.752	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	184365	20.280	ng		98
12) 1,3-Dichlorobenzene	7.90	146	204847	20.902	ng		98
13) 1,4-Dichlorobenzene	8.04	146	201448	20.294	ng		98
14) 1,2-Dichlorobenzene	8.35	146	199206	21.210	ng		98
15) Benzyl Alcohol	8.23	79	161902	18.268	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	292144	18.686	ng		100
17) 2-Methylphenol	8.44	107	151248	19.421	ng		99
18) Hexachloroethane	9.09	117	72488	19.345	ng		93
19) n-Nitroso-di-n-propylamine	8.80	70	158646	19.013	ng		97
20) 3+4-Methylphenols	8.76	107	210484	19.373	ng		99
22) Acetophenone	8.82	105	296498	19.891	ng	#	99
24) Nitrobenzene	9.20	77	210101	19.983	ng		97
25) Isophorone	9.72	82	415974	18.966	ng		100
26) 2-Nitrophenol	9.91	139	58704	15.475	ng		94
27) 2,4-Dimethylphenol	9.97	122	142704	19.159	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	270110	19.981	ng		97
29) 2,4-Dichlorophenol	10.45	162	170573	18.837	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	211894	19.969	ng		96
31) Naphthalene	10.85	128	584460	20.949	ng		100
32) Benzoic acid	10.06	122	72026m	13.409	ng		
33) 4-Chloroaniline	10.95	127	271688	20.213	ng		99
34) Hexachlorobutadiene	11.15	225	128211	18.375	ng		98
35) Caprolactam	11.70	113	66809	18.145	ng		92
36) 4-Chloro-3-methylphenol	12.07	107	187636	18.439	ng		99
37) 2-Methylnaphthalene	12.46	142	449415	21.376	ng		99
38) 1-Methylnaphthalene	12.68	142	424567	21.278	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	242125	19.699	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	102344	15.412	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	146958	18.590	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	155125	18.863	ng		98
46) 1,1'-Biphenyl	13.47	154	588869	21.993	ng		96
47) 2-Chloronaphthalene	13.50	162	476326	21.814	ng		98
48) 2-Nitroaniline	13.69	65	121743	19.045	ng		95
49) Acenaphthylene	14.35	152	726729	21.154	ng		97
50) Dimethylphthalate	14.08	163	614511	20.082	ng		97
51) 2,6-Dinitrotoluene	14.19	165	118144	20.791	ng		91
52) Acenaphthene	14.69	154	453943	20.662	ng		95
53) 3-Nitroaniline	14.51	138	136580	20.577	ng		97
54) 2,4-Dinitrophenol	14.72	184	29973	12.910	ng	#	58
55) Dibenzofuran	15.02	168	718246	20.985	ng		98
56) 4-Nitrophenol	14.81	139	95642	17.107	ng		100
57) 2,4-Dinitrotoluene	14.98	165	157327	19.964	ng		96
58) Fluorene	15.68	166	571822	20.373	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	143172m	17.333	ng		
60) Diethylphthalate	15.45	149	613980	19.110	ng		96
61) 4-Chlorophenyl-phenylether	15.67	204	305326	19.758	ng		98
62) 4-Nitroaniline	15.68	138	146881	19.299	ng		99
63) Azobenzene	15.96	77	560972	19.478	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	47061	16.096	ng		97
66) n-Nitrosodiphenylamine	15.88	169	514305	22.545	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	189759	20.884	ng		97
68) Hexachlorobenzene	16.68	284	202223	20.358	ng		95
69) Atrazine	16.83	200	173651	18.993	ng		99
70) Pentachlorophenol	17.02	266	99829	16.470	ng		97
71) Phenanthrene	17.41	178	935045	21.932	ng		96
72) Anthracene	17.50	178	920543	21.374	ng		96
73) Carbazole	17.77	167	859379	20.141	ng		97
74) Di-n-butylphthalate	18.34	149	1009550	18.486	ng		98
75) Fluoranthene	19.42	202	1099321	17.976	ng		96
77) Benzidine	19.59	184	325162	15.360	ng		99
78) Pyrene	19.78	202	1118080	23.905	ng		95
80) Butylbenzylphthalate	20.68	149	404287	18.975	ng		98
81) Benzo(a)anthracene	21.61	228	1020916	21.072	ng		96
82) 3,3'-Dichlorobenzidine	21.52	252	358643	19.740	ng		99
83) Chrysene	21.67	228	987784	21.546	ng		94
84) Bis(2-ethylhexyl)phthalate	21.55	149	619211	20.655	ng		97
85) Di-n-octyl phthalate	22.75	149	983567	20.227	ng		99
86) Indeno(1,2,3-cd)pyrene	28.36	276	1133660	21.258	ng		98
88) Benzo(b)fluoranthene	23.79	252	1005709	20.702	ng		97
89) Benzo(k)fluoranthene	23.85	252	983150	21.087	ng		99
90) Benzo(a)pyrene	24.64	252	943580	20.656	ng		97
91) Dibenzo(a,h)anthracene	28.44	278	929576	20.980	ng		99
92) Benzo(g,h,i)perylene	29.47	276	899340	20.582	ng		99

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

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