Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092220\
Data File : BG046685.D
Acq On : 22 Sep 2020 19:26
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
9/23/2020 10:44:56 AM

Quant Time: Sep 22 20:53:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 20:50:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.126	152	69300	20.00	ng		0.00
21) Naphthalene-d8	10.934	136	245465	20.00	ng		# 0.00
39) Acenaphthene-d10	14.747	164	166640	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	384617	20.00	ng		0.00
76) Chrysene-d12	21.774	240	401589	20.00	ng		# 0.00
86) Perylene-d12	25.065	264	423511	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.682	112	404311	103.33	ng		0.00
7) Phenol-d6	7.268	99	570152	102.79	ng		0.00
23) Nitrobenzene-d5	9.289	82	471877	109.87	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	225511	99.88	ng		0.00
45) 2-Fluorobiphenyl	13.378	172	1126926	103.24	ng		0.00
79) Terphenyl-d14	20.100	244	1904265	100.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	92284	56.69	ng	#	88
3) Pyridine	3.978	79	262927	55.21	ng		93
4) n-Nitrosodimethylamine	3.890	42	139002	79.13	ng	#	67
6) Aniline	7.444	93	339959	54.47	ng		90
8) 2-Chlorophenol	7.685	128	198146	47.92	ng		86
9) Benzaldehyde	7.256	77	166213	53.49	ng		90
10) Phenol	7.297	94	280187	54.85	ng		81
11) bis(2-Chloroethyl)ether	7.544	93	218184	53.13	ng		89
12) 1,3-Dichlorobenzene	8.014	146	256444	48.84	ng	#	92
13) 1,4-Dichlorobenzene	8.161	146	256050	48.71	ng		94
14) 1,2-Dichlorobenzene	8.484	146	243702	48.35	ng		95
15) Benzyl Alcohol	8.355	79	230728	64.79	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.655	45	371763	58.37	ng		97
17) 2-Methylphenol	8.555	107	180399	49.79	ng	#	85
18) Hexachloroethane	9.219	117	94126	52.82	ng		98
19) n-Nitroso-di-n-propyla...	8.931	70	191738	57.79	ng		90
20) 3+4-Methylphenols	8.884	107	256918	51.38	ng		93
22) Acetophenone	8.948	105	345704	57.86	ng		93
24) Nitrobenzene	9.330	77	253798	59.82	ng	#	85
25) Isophorone	9.859	82	485091	61.61	ng	#	95
26) 2-Nitrophenol	10.041	139	94354	42.15	ng	#	81
27) 2,4-Dimethylphenol	10.094	122	176502	57.33	ng		91
28) bis(2-Chloroethoxy)met...	10.335	93	297688	58.74	ng		96
29) 2,4-Dichlorophenol	10.576	162	217478	52.99	ng		95
30) 1,2,4-Trichlorobenzene	10.799	180	253400	52.03	ng		98
31) Naphthalene	10.987	128	643718	53.71	ng		99
32) Benzoic acid	10.223	122	125614	65.82	ng		89
33) 4-Chloroaniline	11.087	127	283483	53.64	ng	#	92
34) Hexachlorobutadiene	11.275	225	189337	59.89	ng		97
35) Caprolactam	11.857	113	69727	45.45	ng	#	69
36) 4-Chloro-3-methylphenol	12.192	107	226937	56.53	ng		90
37) 2-Methylnaphthalene	12.585	142	475653	50.32	ng	#	94
38) 1-Methylnaphthalene	12.803	142	448610m	50.10	ng		
40) 1,2,4,5-Tetrachloroben...	12.950	216	290384	52.84	ng	#	97
41) Hexachlorocyclopentadiene	12.932	237	174429	73.00	ng		95
43) 2,4,6-Trichlorophenol	13.179	196	189540	51.11	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	189915	48.74	ng	#	91
46) 1,1'-Biphenyl	13.584	154	614228	52.98	ng		97
47) 2-Chloronaphthalene	13.631	162	501144	50.98	ng		96
48) 2-Nitroaniline	13.819	65	149449	54.75	ng	#	82
49) Acenaphthylene	14.471	152	734745	49.27	ng		98
50) Dimethylphthalate	14.201	163	642653	49.85	ng		100
51) 2,6-Dinitrotoluene	14.313	165	115821	40.76	ng	#	66
52) Acenaphthene	14.812	154	505632	54.72	ng		97
53) 3-Nitroaniline	14.642	138	130075	42.26	ng	#	72
54) 2,4-Dinitrophenol	14.841	184	60668	36.57	ng	#	77
55) Dibenzofuran	15.147	168	755093	50.92	ng		94
56) 4-Nitrophenol	14.930	139	107100	47.27	ng	#	62
57) 2,4-Dinitrotoluene	15.094	165	154629	38.16	ng	#	75
58) Fluorene	15.793	166	607719	48.83	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.364	232	191269	50.55	ng	#	94
60) Diethylphthalate	15.564	149	641799	51.06	ng		97
61) 4-Chlorophenyl-phenyle...	15.787	204	348025	50.77	ng		96
62) 4-Nitroaniline	15.805	138	140558	43.27	ng	#	67
63) Azobenzene	16.081	77	622718	60.90	ng		90
65) 4,6-Dinitro-2-methylph...	15.858	198	82734	38.00	ng		85
66) n-Nitrosodiphenylamine	15.999	169	554271	53.42	ng		97
67) 4-Bromophenyl-phenylether	16.680	248	232220	51.75	ng		94
68) Hexachlorobenzene	16.798	284	246350	49.57	ng		94
69) Atrazine	16.945	200	224632	53.07	ng		98
70) Pentachlorophenol	17.133	266	156320	60.20	ng		92
71) Phenanthrene	17.532	178	999802	51.28	ng		98
72) Anthracene	17.626	178	982570	51.08	ng		98
73) Carbazole	17.891	167	887440	48.87	ng		98
74) Di-n-butylphthalate	18.455	149	1089484	52.17	ng	#	97
75) Fluoranthene	19.536	202	1238229	49.36	ng		98
77) Benzidine	19.712	184	584298	62.61	ng		98
78) Pyrene	19.900	202	1258708	49.22	ng		99
80) Butylbenzylphthalate	20.787	149	501070	50.23	ng	#	87
81) Benzo(a)anthracene	21.757	228	1289291	51.51	ng		98
82) 3,3'-Dichlorobenzidine	21.669	252	505963	54.47	ng		97
83) Chrysene	21.821	228	1237163	51.38	ng		99
84) Bis(2-ethylhexyl)phtha...	21.675	149	708712	52.06	ng		96
85) Di-n-octyl phthalate	22.926	149	1245418	53.43	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.825	276	1505644	49.50	ng	#	90
88) Benzo(b)fluoranthene	24.019	252	1325146	50.11	ng	#	97
89) Benzo(k)fluoranthene	24.095	252	1282489	50.18	ng	#	98
90) Benzo(a)pyrene	24.912	252	1261746	51.13	ng	#	98
91) Dibenzo(a,h)anthracene	28.913	278	1236165	50.36	ng	#	96
92) Benzo(g,h,i)perylene	29.994	276	1208672	49.31	ng	#	94

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

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