Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073020\
Data File : BG046111.D
Acq On : 30 Jul 2020 15:13
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Quant Time: Jul 30 16:45:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 16:37:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	98588	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	370593	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	232131	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	529112	20.00	ng		0.00
76) Chrysene-d12	21.57	240	568124	20.00	ng		0.00
86) Perylene-d12	24.68	264	610889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	241592	39.74	ng		0.00
7) Phenol-d6	7.12	99	326909	37.35	ng		0.00
23) Nitrobenzene-d5	9.11	82	281944	43.79	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	143388	66.56	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	687628	46.21	ng		0.00
79) Terphenyl-d14	19.93	244	1195169	46.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	55407	19.754	ng		98
3) Pyridine	3.85	79	150585	17.756	ng		96
4) n-Nitrosodimethylamine	3.76	42	63488	22.139	ng	#	97
6) Aniline	7.28	93	191342	17.089	ng		100
8) 2-Chlorophenol	7.52	128	132097	20.185	ng		99
9) Benzaldehyde	7.09	77	102016	18.396	ng		97
10) Phenol	7.14	94	163112	18.578	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	129428	17.827	ng		99
12) 1,3-Dichlorobenzene	7.85	146	159558	21.152	ng		98
13) 1,4-Dichlorobenzene	7.99	146	160965	21.692	ng		99
14) 1,2-Dichlorobenzene	8.31	146	151835	21.260	ng		99
15) Benzyl Alcohol	8.19	79	108920	15.871	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	208658	22.027	ng		97
17) 2-Methylphenol	8.40	107	108408	16.455	ng		98
18) Hexachloroethane	9.04	117	52867	18.516	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	103737	16.871	ng		98
20) 3+4-Methylphenols	8.72	107	149163	16.613	ng		97
22) Acetophenone	8.77	105	197542	19.953	ng	#	97
24) Nitrobenzene	9.15	77	147713	20.786	ng		97
25) Isophorone	9.68	82	280597	17.852	ng		98
26) 2-Nitrophenol	9.86	139	63729	27.513	ng		98
27) 2,4-Dimethylphenol	9.92	122	109161	19.511	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	151042	17.113	ng		99
29) 2,4-Dichlorophenol	10.40	162	128064	22.112	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	152446	23.756	ng		100
31) Naphthalene	10.80	128	408069	20.540	ng		98
32) Benzoic acid	10.03	122	49161	16.227	ng		100
33) 4-Chloroaniline	10.90	127	164072	18.481	ng		97
34) Hexachlorobutadiene	11.10	225	101511	27.092	ng		99
35) Caprolactam	11.66	113	40236	18.298	ng		93
36) 4-Chloro-3-methylphenol	12.03	107	122881	18.628	ng		96
37) 2-Methylnaphthalene	12.41	142	311176	22.034	ng		97
38) 1-Methylnaphthalene	12.63	142	290642	21.807	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	175704	26.851	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	97366	25.077	ng		94
43) 2,4,6-Trichlorophenol	13.01	196	108538	24.526	ng		98
44) 2,4,5-Trichlorophenol	13.08	196	120321	24.047	ng		95
46) 1,1'-Biphenyl	13.42	154	380502	21.790	ng		98
47) 2-Chloronaphthalene	13.45	162	301893	21.911	ng		100
48) 2-Nitroaniline	13.65	65	74291	23.039	ng		98
49) Acenaphthylene	14.30	152	475187	21.376	ng		99
50) Dimethylphthalate	14.04	163	368799	21.170	ng		99
51) 2,6-Dinitrotoluene	14.15	165	83030	30.716	ng		97
52) Acenaphthene	14.65	154	306036	21.826	ng		99
53) 3-Nitroaniline	14.47	138	83959	25.064	ng		97
54) 2,4-Dinitrophenol	14.68	184	35921	37.672	ng		89
55) Dibenzofuran	14.98	168	469673	22.851	ng		99
56) 4-Nitrophenol	14.78	139	67056	23.626	ng		96
57) 2,4-Dinitrotoluene	14.93	165	114857	34.388	ng		96
58) Fluorene	15.63	166	377645	22.397	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	110987	28.729	ng		98
60) Diethylphthalate	15.40	149	358553	19.625	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	193795	23.103	ng		96
62) 4-Nitroaniline	15.63	138	82764	22.986	ng		99
63) Azobenzene	15.92	77	335366	17.103	ng		98
65) 4,6-Dinitro-2-methylphenol	15.70	198	63782	41.157	ng		94
66) n-Nitrosodiphenylamine	15.83	169	335948	20.489	ng		98
67) 4-Bromophenyl-phenylether	16.52	248	131975	22.333	ng		97
68) Hexachlorobenzene	16.64	284	149529	25.216	ng		97
69) Atrazine	16.78	200	126420	26.078	ng		99
70) Pentachlorophenol	16.97	266	89072	27.016	ng		98
71) Phenanthrene	17.37	178	615192	21.993	ng		97
72) Anthracene	17.46	178	615331	21.676	ng		99
73) Carbazole	17.72	167	597304	20.992	ng		98
74) Di-n-butylphthalate	18.30	149	628590	18.281	ng		98
75) Fluoranthene	19.37	202	787521	24.354	ng		98
77) Benzidine	19.55	184	332074	20.443	ng		99
78) Pyrene	19.73	202	814817	21.011	ng		97
80) Butylbenzylphthalate	20.63	149	283954	15.495	ng		98
81) Benzo(a)anthracene	21.55	228	812039	21.738	ng		96
82) 3,3'-Dichlorobenzidine	21.47	252	327424	23.720	ng		99
83) Chrysene	21.62	228	785066	22.060	ng		97
84) Bis(2-ethylhexyl)phthalate	21.49	149	415020	15.601	ng		97
85) Di-n-octyl phthalate	22.66	149	683999	14.817	ng		99
87) Indeno(1,2,3-cd)pyrene	28.19	276	949227	21.240	ng	#	94
88) Benzo(b)fluoranthene	23.70	252	860382	22.186	ng		97
89) Benzo(k)fluoranthene	23.76	252	840771	22.929	ng		97
90) Benzo(a)pyrene	24.53	252	789285	21.644	ng		98
91) Dibenzo(a,h)anthracene	28.25	278	803476	22.290	ng		96
92) Benzo(g,h,i)perylene	29.29	276	803775	22.158	ng		98

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

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